



## Department of Transportation & Infrastructure Renewal

# Annual Report

for the year ending March 31, 2015

Jones Building, 11 Kent Street  
P.O. Box 2000, Charlottetown  
Prince Edward Island, Canada C1A 7N8  
Telephone: 902-368-5100 Fax: 902-368-5395



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 and Infrastructure Renewal for the period April 1, 2014 to March 31, 2015.

Respectfully submitted,

A handwritten signature in black ink, reading "Paula Biggar". The signature is written in a cursive, flowing style.

Paula Biggar  
Minister





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

Madam:

I am pleased to submit to you the Annual Report of the Department of Transportation and Infrastructure Renewal for the period April 1, 2014 to March 31, 2015.

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

Respectfully submitted,

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

John MacQuarrie  
Deputy Minister



**DEPARTMENT OF TRANSPORTATION  
AND  
INFRASTRUCTURE RENEWAL**

The established **Mandate** of the Department of Transportation and Infrastructure Renewal 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 and Infrastructure Renewal - Leading in the Delivery of Safe and Efficient Infrastructure and Services.***



## LEGISLATIVE RESPONSIBILITIES

- ◆ *Architects Act*
- ◆ *Crown Building Corporation Act*
- ◆ *Dangerous Goods (Transportation) Act*
- ◆ *Engineering Profession Act*
- ◆ *Expropriation Act*
- ◆ *Georgetown Common Land Act*
- ◆ *Highway Traffic Act*
- ◆ *Land Survey Act*
- ◆ *Land Surveyors Act*
- ◆ *Off-Highway Vehicle Act*
- ◆ *Public Works Act*
- ◆ *Roads Act*





## **Department of Transportation and Infrastructure Renewal**

### **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**

A/Provincial Chief Surveyor  
Properties

Brian Thompson, Director  
Wayne Tremblay  
Carol Craswell

#### **CAPITAL PROJECTS DIVISION**

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

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

#### **HIGHWAY MAINTENANCE**

Highway Maintenance  
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  
Vacant  
Donnie Martin  
Charles MacLaren  
Leo Gill

#### **POLICY & PLANNING**

Paul Godfrey

#### **INFRASTRUCTURE SECRETARIAT**

Paul Godfrey, Acting 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.

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.

Wendy Toy  
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, 2015 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 and Infrastructure Renewal 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-day suspension is issued for any driver that fails a field sobriety test.

### **Motor Vehicle Impoundment**

- 6-month vehicle impoundments issued when a person is operating or had care or control of a vehicle and 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's 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 9,300 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.

<b>Driver License Suspensions and Cancellations</b>	<b>2013-2014</b>	<b>2014-2015</b>
Section 253 (1)(a) Criminal Code - (Impaired Driving)	26	23
Section 253 (1)(b) Criminal Code - (Failing the Breathalyzer)	234	216
Section 254(5) Criminal Code - (Refusal of the Breathalyzer)	22	15
<b>Total Alcohol Related Convictions</b>	<b>282</b>	<b>254</b>
Administrative Driving Prohibitions	296	270
7-Day Suspensions (S.277.1) HTA	75	109
30-Day Suspensions (S.277.1) (3.2) HTA	2	3
90-Day Suspensions (S.277.1) (3.5) HTA	0	0
Vehicle Impoundments	58	53
Demerit Point System (Point Accumulation)	308	313



<b>Driver License Suspensions and Cancellations</b>	<b>2013-2014</b>	<b>2014-2015</b>
Theft of a Motor Vehicle	29	20
Default in Payment of Fine(s)	1,858	1,439
Failure to Satisfy a Judgment - (Accident with an uninsured vehicle)	10	3
Reinstatement of driving from suspension/cancellation	1,354	1,585
Revenue from Reinstatement fees	\$180,982	\$158,925
Number of Warning Letters Issued - (Point Accumulation)	1,273	1,264
Number of Driving Record Interviews Issued - (Point Accumulation)	232	233

<b>Drivers required to undergo a re-examination for various reasons (Requests from Law Enforcement, Medical Practitioners, etc.)</b>	<b>2013-2014</b>	<b>2014-2015</b>
Medical Referrals Issued	279	286
Medical Referrals Issued for Commercial Drivers	3,691	3,547
Vision Referrals Issued	73	87
Driving Re-Examination Conducted	467	611
Driving Record Interviews	149	177
Restricted Driver Licenses Issued	36	46
Requests for Abstracts of Driving Records from Insurance Companies and Individuals	34,771	33,170
Abstract Fee (\$25.00)	\$869,275	\$829,245

<b>PERCENT OF REPEAT IMPAIRED DRIVING OFFENDERS</b>				
<b>Year</b>	<b>First</b>	<b>Second</b>	<b>Third or More</b>	<b>Total Impaired Convictions</b>
2014	62.7%	22.4%	14.9%	241
2013	56.9%	17.8%	25.3%	297
2012	57.8%	22.3%	19.9%	327
2011	60.3 %	19.6 %	20.1 %	373
2010	63.4 %	18.9 %	17.7 %	424
2009	59.7 %	18.1 %	22.2 %	392
2008	57.8 %	23.3 %	18.9 %	365
2007	64.5 %	19.0 %	16.5 %	411
2006	56.2 %	24.1 %	19.7 %	345
2005	63.8 %	19.1 %	17.1 %	304

PERCENT OF REPEAT IMPAIRED DRIVING OFFENDERS				
Year	First	Second	Third or More	Total Impaired Convictions
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 (CATS):***

Tracks all Government of PEI construction contracts from tender submissions through payout.

***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.

***Electronic Billing Information System (EBIS):***

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

***Fleet Management System (FMS):***

Manages the corporate fleet of leased vehicles by monitoring all payments and expenses for all departments, plus manages parts inventory, labour and maintenance for government garages.

***Integrated Traffic Monitoring System (ITMS):***

Tracks vehicle traffic data for all PEI highways and generates ad hoc reports.

***Land Information Management System (LIMS):***

Tracks and monitors Crown owned land history from current to past leaseholders along with use of land.

***Travel Claims System (TCS):***

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

***Pavement Management System (PMS):***

Collects data on pavement conditions and road attributes.

***Highway Lab Information Management System (HLIMS):***

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

***The International Registration Plan***

The International Registration Plan (IRP) is a Registration Reciprocity Agreement among the Canadian and US jurisdictions providing for payment of license fees on the basis of total distance operated in all jurisdictions. The

fees are divided among the IRP jurisdictions through which the vehicles travel and allow movement on an interjurisdictional and intrajurisdictional basis.

Typically vehicles over 11,794 kgs (26,000 lbs) or buses with 20 seats or more 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, 2014 - March 31, 2015, there were a total of 186 Prince Edward Island based carriers registering a total of 672 vehicles under 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 specified 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, 2014 - March 31, 2015 is listed in the tables that follow:

#### **DISTRIBUTION OF REVENUE COLLECTED FROM P.E.I. BASED CARRIERS FOR CANADIAN JURISDICTIONS APRIL 1, 2014 - MARCH 31, 2015**

<b>PROVINCE</b>	<b>REGISTRATION FEES</b>	<b>AUDITS</b>	<b>SALES TAX FEES</b>	<b>ADMIN. FEES</b>	<b>TOTAL FEES</b>
PE	\$ 398,180.00	\$ + 333.54	\$ 0.00	\$ 40,650.00	\$ 439,163.54
NB	\$ 402,057.84	\$ + 1,392.87	\$ 0.00	\$ 0.00	\$ 403,450.71
NS	\$ 237,562.12	\$ + 323.04	\$ 0.00	\$ 0.00	\$ 237,885.16
NL	\$ 3,244.12	\$ - 26.02	\$ 0.00	\$ 0.00	\$ 3,218.10
QC	\$ 119,804.85	\$ + 617.60	\$ 0.00	\$ 0.00	\$ 120,422.45
ON	\$ 116,087.00	\$ + 435.00	\$ 0.00	\$ 0.00	\$ 116,522.00
MB	\$ 851.00	\$ + 15.38	\$ 1,151.01	\$ 0.00	\$ 2,017.39
SK	\$ 1,377.00	\$ + 17.57	\$ 61.05	\$ 0.00	\$ 1,455.62
AB	\$ 3,555.00	\$ + 8.60	\$ 0.00	\$ 0.00	\$ 3,563.60
BC	\$ 525.02	\$ + 7.59	\$ 686.77	\$ 0.00	\$ 1,219.38
<b>TOTALS</b>	<b>\$ 1,283,243.95</b>	<b>\$ + 3,125.17</b>	<b>\$ 1,898.83</b>	<b>\$ 40,650.00</b>	<b>\$ 1,328,917.95</b>

\*All Fees in Canadian Dollars

**DISTRIBUTION OF REVENUE COLLECTED FROM P.E.I. BASED CARRIERS  
FOR U.S. JURISDICTIONS  
APRIL 1, 2014 - MARCH 31, 2015**

<b>JURISDICTION</b>	<b>REGISTRATION FEES</b>	<b>AUDITS</b>	<b>SALES TAX FEES</b>	<b>TOTAL FEES</b>
Alabama	\$ 52.64	\$ 0.25	\$ 0.00	\$ 52.89
Arizona	\$ 903.22	\$ 2.04	\$ 0.00	\$ 905.26
Arkansas	\$ 40.34	\$ 0.22	\$ 0.00	\$ 40.56
California	\$ 871.00	\$ 0.00	\$ 0.00	\$ 871.00
Colorado	\$ 214.59	\$ 0.72	\$ 127.95	\$ 343.26
Connecticut	\$ 7,814.09	\$ 4.76	\$ 0.00	\$ 7,818.85
Delaware	\$ 990.53	\$ 0.14	\$ 0.00	\$ 990.67
Dist. Of Columbia	\$ 7.01	\$ 0.00	\$ 0.00	\$ 7.01
Florida	\$ 936.71	\$ 3.26	\$ 0.00	\$ 939.97
Georgia	\$ 403.23	\$ 1.36	\$ 153.60	\$ 558.19
Idaho	\$ 173.62	\$ 1.79	\$ 0.00	\$ 175.41
Illinois	\$ 2,112.37	\$ 30.27	\$ 0.00	\$ 2,142.64
Indiana	\$ 557.41	\$ 10.47	\$ 225.65	\$ 793.53
Iowa	\$ 624.64	\$ 3.26	\$ 0.00	\$ 627.90
Kansas	\$ 96.83	\$ 0.79	\$ 39.36	\$ 136.98
Kentucky	\$ 167.74	\$ 1.08	\$ 78.01	\$ 246.83
Louisiana	\$ 8.13	\$ 0.00	\$ 0.00	\$ 8.13
Maine	\$ 22,602.06	\$ 24.87	\$ 36,970.55	\$ 59,597.48
Maryland	\$ 1,676.68	\$ 14.32	\$ 0.00	\$ 1,691.00
Massachusetts	\$ 11,807.09	\$ 7.50	\$ 0.00	\$ 11,814.59
Michigan	\$ 2,461.12	\$ 47.80	\$ 0.00	\$ 2,508.92
Minnesota	\$ 274.70	\$ 0.93	\$ 0.00	\$ 275.63
Mississippi	\$ 35.41	\$ 0.41	\$ 16.55	\$ 52.37
Missouri	\$ 329.20	\$ 1.01	\$ 0.00	\$ 330.21
Montana	\$ 193.89	\$ 0.73	\$ 52.42	\$ 247.04
Nebraska	\$ 187.47	\$ 1.50	\$ 0.00	\$ 188.97
Nevada	\$ 72.39	\$ 0.00	\$ 71.86	\$ 144.25
New Hampshire	\$ 1,443.01	\$ 0.78	\$ 0.00	\$ 1,443.79

<b>JURISDICTION</b>	<b>REGISTRATION FEES</b>	<b>AUDITS</b>	<b>SALES TAX FEES</b>	<b>TOTAL FEES</b>
New Jersey	\$ 6,495.43	\$ 2.87	\$ 0.00	\$ 6,498.30
New Mexico	\$ 37.93	\$ 0.08	\$ 0.00	\$ 38.01
New York	\$ 9,877.35	\$ 33.50	\$ 2,445.55	\$ 12,356.40
North Carolina	\$ 1,272.36	\$ 2.05	\$ 0.00	\$ 1,274.41
North Dakota	\$ 144.71	\$ 0.23	\$ 0.00	\$ 144.94
Ohio	\$ 511.16	\$ 5.99	\$ 0.00	\$ 517.15
Oklahoma	\$ 170.34	\$ 0.43	\$ 0.00	\$ 170.77
Oregon	\$ 68.08	\$ 0.22	\$ 0.00	\$ 68.30
Pennsylvania	\$ 10,785.34	\$ 62.92	\$ 1,213.32	\$ 12,061.58
Rhode Island	\$ 273.08	\$ 1.62	\$ 0.00	\$ 274.70
South Carolina	\$ 514.05	\$ 0.25	\$ 0.00	\$ 514.30
South Dakota	\$ 107.65	\$ 1.29	\$ 0.00	\$ 108.94
Tennessee	\$ 253.54	\$ 1.04	\$ 0.00	\$ 254.58
Texas	\$ 105.33	\$ 0.36	\$ 0.00	\$ 105.69
Utah	\$ 89.93	\$ 0.42	\$ 78.62	\$ 168.97
Vermont	\$ 1,506.70	\$ 1.43	\$ 0.00	\$ 1,508.13
Virginia	\$ 2,041.04	\$ 2.90	\$ 0.00	\$ 2,043.94
Washington	\$ 457.83	\$ 1.43	\$ 3.22	\$ 462.48
West Virginia	\$ 301.66	\$ 1.75	\$ 251.89	\$ 555.30
Wisconsin	\$ 577.83	\$ 5.63	\$ 0.00	\$ 583.46
Wyoming	\$ 247.11	\$ 3.05	\$ 0.00	\$ 250.16
<b>TOTALS</b>	<b>\$ 92,895.57</b>	<b>\$ 289.72</b>	<b>\$ 41,728.55</b>	<b>\$ 134,913.84</b>

\*All Fees in US Dollars

**DISTRIBUTION OF REVENUE COLLECTED BY CANADIAN JURISDICTIONS  
FOR PRINCE EDWARD ISLAND  
APRIL 1, 2014 - MARCH 31, 2015**

<b>JURISDICTION</b>	<b>REGISTRATION FEES</b>	<b>AUDITS</b>	<b>SALES TAX</b>	<b>TOTAL FEES</b>
NB	\$ 205,515.00	\$ + 257.38	\$ 0.00	\$ 205,772.38
NS	\$ 86,342.00	\$ - 1,180.50	\$ 0.00	\$ 85,161.50
NL	\$ 10,048.00	\$ 0.00	\$ 0.00	\$ 10,048.00

<b>JURISDICTION</b>	<b>REGISTRATION FEES</b>	<b>AUDITS</b>	<b>SALES TAX</b>	<b>TOTAL FEES</b>
QC	\$ 34,162.00	\$ - 91.13	\$ 0.00	\$ 34,070.87
ON	\$ 27,704.00	\$ - 268.93	\$ 0.00	\$ 27,435.07
MB	\$ 5,898.00	\$ 0.00	\$ 0.00	\$ 5,898.00
SK	\$ 115.00	\$ - 14.87	\$ 0.00	\$ 100.13
AB	\$ 2,067.00	\$ + 0.02	\$ 0.00	\$ 2,067.02
BC	\$ 1,031.00	\$ 0.00	\$ 0.00	\$ 1,031.00
<b>TOTALS</b>	<b>\$ 372,882.00</b>	<b>\$ - 1,298.03</b>	<b>\$ 0.00</b>	<b>\$ 371,583.97</b>

\*All Fees in Canadian Dollars

**DISTRIBUTION OF REVENUE COLLECTED BY U.S. JURISDICTIONS  
FOR PRINCE EDWARD ISLAND  
APRIL 1, 2014 - MARCH 31, 2015**

<b>JURISDICTION</b>	<b>REGISTRATION FEES</b>	<b>AUDITS</b>	<b>SALES TAX FEES</b>	<b>TOTAL FEES</b>
Alabama	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Arizona	\$ 2,514.93	\$ 0.00	\$ 0.00	\$ 2,514.93
Arkansas	\$ 471.28	\$ 0.00	\$ 0.00	\$ 471.28
California	\$ 3,132.06	\$ + 0.11	\$ 0.00	\$ 3,132.17
Colorado	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Connecticut	\$ 175.37	\$ 0.00	\$ 0.00	\$ 175.37
Delaware	\$ 164.00	\$ 0.00	\$ 0.00	\$ 164.00
Dist. Of Columbia	\$ 1.09	\$ 0.00	\$ 0.00	\$ 1.09
Florida	\$ 1,560.90	\$ + 0.43	\$ 0.00	\$ 1,561.33
Georgia	\$ 5.00	\$ 0.00	\$ 0.00	\$ 5.00
Idaho	\$ 311.36	\$ 0.00	\$ 0.00	\$ 311.36
Illinois	\$ 3,976.56	\$ + 1.06	\$ 0.00	\$ 3,977.62
Indiana	\$ 310.00	\$ 0.00	\$ 0.00	\$ 310.00
Iowa	\$ 36.15	\$ 0.00	\$ 0.00	\$ 36.15
Kansas	\$ 38.16	\$ + 0.10	\$ 0.00	\$ 38.26
Kentucky	\$ 410.00	\$ 0.00	\$ 0.00	\$ 410.00
Louisiana	\$ 91.07	\$ 0.00	\$ 0.00	\$ 91.07
Maine	\$ 5,937.00	\$ + 5.45	\$ 0.00	\$ 5,942.45
Maryland	\$ 453.16	\$ 0.00	\$ 0.00	\$ 453.16

<b>JURISDICTION</b>	<b>REGISTRATION FEES</b>	<b>AUDITS</b>	<b>SALES TAX FEES</b>	<b>TOTAL FEES</b>
Massachusetts	\$ 37.00	\$ 0.00	\$ 0.00	\$ 37.00
Michigan	\$ 39.00	\$ + 0.84	\$ 0.00	\$ 39.84
Minnesota	\$ 26.00	\$ 0.00	\$ 0.00	\$ 26.00
Mississippi	\$ 114.04	\$ 0.00	\$ 0.00	\$ 114.04
Missouri	\$ 3.00	\$ - 0.17	\$ 0.00	\$ 2.83
Montana	\$ 3.85	\$ 0.00	\$ 0.00	\$ 3.85
Nebraska	\$ 40.88	\$ 0.00	\$ 0.00	\$ 40.88
Nevada	\$ 1,022.00	\$ 0.00	\$ 0.00	\$ 1,022.00
New Hampshire	\$ 5,084.69	\$ 0.00	\$ 0.00	\$ 5,084.69
New Jersey	\$ 1,575.46	\$ 0.00	\$ 0.00	\$ 1,575.46
New Mexico	\$ 16.00	\$ 0.00	\$ 0.00	\$ 16.00
New York	\$ 361.90	\$ 0.00	\$ 0.00	\$ 361.90
North Carolina	\$ 54.03	\$ 0.00	\$ 0.00	\$ 54.03
North Dakota	\$ 1,834.72	\$ 0.00	\$ 0.00	\$ 1,834.72
Ohio	\$ 1,033.57	\$ + 2.26	\$ 0.00	\$ 1,035.83
Oklahoma	\$ 0.39	\$ 0.00	\$ 0.00	\$ 0.39
Oregon	\$ 126.13	\$ 0.00	\$ 0.00	\$ 126.13
Pennsylvania	\$ 3,186.78	\$ 0.00	\$ 0.00	\$ 3,186.78
Rhode Island	\$ 722.19	\$ 0.00	\$ 0.00	\$ 722.19
South Carolina	\$ 33.00	\$ 0.00	\$ 0.00	\$ 33.00
South Dakota	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Tennessee	\$ 183.86	\$ 0.00	\$ 0.00	\$ 183.86
Texas	\$ 146.00	\$ 0.00	\$ 0.00	\$ 146.00
Utah	\$ 0.49	\$ 0.00	\$ 0.00	\$ 0.49
Vermont	\$ 71.07	\$ 0.00	\$ 0.00	\$ 71.07
Virginia	\$ 3,259.02	\$ - 0.04	\$ 0.00	\$ 3,258.98
Washington	\$ 204.85	\$ - 0.28	\$ 0.00	\$ 204.57
West Virginia	\$ 129.87	\$ 0.00	\$ 0.00	\$ 129.87
Wisconsin	\$ 686.00	\$ + 5.45	\$ 0.00	\$ 691.45



JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES
Wyoming	\$ 344.00	\$ 0.00	\$ 0.00	\$ 344.00
<b>TOTALS</b>	<b>\$ 39,927.88</b>	<b>\$ + 15.21</b>	<b>\$ 0.00</b>	<b>\$ 39,943.09</b>

\*All Fees in US Dollars

**RECAP OF REVENUE  
APRIL 1, 2014 - MARCH 31, 2015**

**Distribution of Revenue Collected from Prince Edward Island Base Plated Carriers**

Revenue Retained by Prince Edward Island	\$439,163.54
Revenue Collected for Canadian Jurisdictions	\$890,754.41
<b>Total Canadian Revenue Collected from PE Base Plated Carriers</b>	<b>\$1,328,917.95</b>
<b>Total U.S. Revenue Collected from PE Base Plated Carriers</b>	<b>\$134,913.84</b>

**Distribution of Revenue Collected from Member Jurisdictions for Prince Edward Island**

Revenue Collected for PE by Canadian Jurisdictions	\$371,583.97
Revenue Collected for PE by U.S. Jurisdictions	\$39,943.09

*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	2013-2014	2014-2015
Cars	73,547	73,838
Trucks	24,202	25,027
Motorcycles	2,725	2,668
Buses	434	458
Trailers	14,969	14,957
Off-Road Vehicles	1,576	1,641
Miscellaneous - Other Vehicles	953	672
<b>Total Registrations</b>	<b>118,406</b>	<b>119,261</b>

**Total Number of Drivers per Class**

Class	2013-2014	2014-2015
CLASS 1 - Tractor Trailers	4,209	4,147
CLASS 2 - Bus for more than 24 passengers including School Bus	1,043	1,044
CLASS 3 - Trucks over 14,000 kgs	5,277	4,621

<b>Class</b>	<b>2013-2014</b>	<b>2014-2015</b>
CLASS 4 - Ambulance, Bus, Taxi for less than 24 passengers	2,800	2,645
CLASS 5 - Car, light truck	90,437	91,210
CLASS 6 - Motorcycle	10,139	10,600
CLASS 7 - Beginner's Instruction Permit	2,943	2,900

### **Conservation Plates**

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

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

- Red Fox 2,848
- Blue Jay 1,376
- Canada Goose 891
- Brook Trout 922
- Lady Slipper 908

### **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

<b>Knowledge Tests 2013-2014</b>	<b>Knowledge Tests 2014-2015</b>	<b>Road Tests 2013-2014</b>	<b>Road Tests 2014-2015</b>
2,503	2,654	3,056	3,317

#### ***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 10 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

<b>Written Examinations</b>		<b>Road Tests</b>	
2013-2014	968	2013-2014	1133
2014-2015	871	2014-2015	879

#### ***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 33 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, 98 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.

During the year 2014-2015, a total of 184 drivers entered into the Ignition Interlock Program .

**IGNITION INTERLOCK INSTALLATIONS  
2007 - 2014**

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

***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 598 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 PEI Safety Council, which is affiliated with St. John Ambulance. 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 33 drivers successfully completed the Defensive Driver Course.

***Collision and Reporting System (CARS)***

During the year 2014, there were 1,416 collisions resulting in 932 injuries and five fatalities. The fatalities included one driver of vehicle, two drivers of motorcycles, one passenger of vehicle 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 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**

<b>No. Stations</b>	<b>No. Mechanics</b>	<b>Results of Inspections</b>	<b>Cars Light Trucks</b>	<b>Trucks</b>	<b>Farm Trucks</b>	<b>Motorcycle Light Trailer</b>	<b>Trailers with brakes</b>
246	550	Passed	94,268	6,476	200	3,869	3,100
		Rejected	5,101	346	4	88	166
Type of Vehicle	# Defective Brakes	# Defective tire/wheels	# Defective suspension	# Defective steering	# Defective exhaust	# Defective body/frame	# Windshield & glazing
Light Vehicle	13,849	6,800	8,231	5,120	2,942	3,054	1,606
Commercial Vehicle	2,203	961	590	359	378	345	215

### ***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 are two weigh scale stations in Prince Edward Island. One is located at Borden-Carleton and the other in Wood Islands. The Borden-Carleton Scales are opened 24-hours a day throughout the year and are staffed by five full-time officers, two full/part-time officers and one relief officer. The Wood Islands Scales operate from May to mid December each year, and is open daily. Staff includes two permanent full-time officers.

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**

<b>Activity</b>	<b>Location</b>	<b>Number</b>
Canadian Trucks	Borden-Carleton Scales	157,269
	Wood Island Scales	5,696
U.S. Trucks	Borden-Carleton Scales	667
	Wood Island Scales	0

**Driver and Vehicle Checks**

<b>Activity</b>	<b>Location</b>	<b>Number</b>
Driver's Documents	Borden-Carleton Scales	11,731
	Wood Island Scales	837
Hours of Work (Driver's Log)	Borden-Carleton Scales	280
	Wood Island Scales	1
Trip Inspections	Borden-Carleton Scales	280
	Wood Island Scales	1
Dangerous Goods Inspections	Borden-Carleton Scales	50
	Wood Island Scales	0

**Miscellaneous Activities**

<b>Activity</b>	<b>Location</b>	<b>Number</b>
Quick Check Stickers Issues	Borden-Carleton Scales	0
	Wood Island Scales	0
Potato Disinfectant Slips	Borden-Carleton Scales	5,382
	Wood Island Scales	135
Vehicles Checked for Taxable Goods	Borden-Carleton Scales	20
	Wood Island Scales	0
Forest Products	Borden-Carleton Scales	655
	Wood Island Scales	645
Vehicles Quarantined <i>Plant Health Act</i>	Borden-Carleton Scales	0
	Wood Island Scales	0
<i>Apiary Act</i>	Borden-Carleton Scales	10
	Wood Island Scales	0

<b>Activity</b>	<b>Location</b>	<b>Number</b>
<i>Animal Health Act</i>	Borden-Carleton Scales	155
	Wood Island Scales	0
<i>Fisheries Product Act</i>	Borden-Carleton Scales	1,953
	Wood Island Scales	20

**Permits Issued**

<b>Type</b>	<b>Location</b>	<b>Number</b>	<b>Revenue</b>
In-Transit	Borden-Carleton Scales	63	\$ 630.00
	Wood Islands Scales	10	\$ 100.00
Oversize	Borden-Carleton Scales	795	\$ 101,500.00
	Wood Islands Scales	9	\$ 900.00
Overweight	Borden-Carleton Scales	194	\$ 24,750.00
	Wood Islands Scales	1	\$ 50.00
Trip	Borden-Carleton Scales	404	\$ 94,860.00
	Wood Islands Scales	11	\$ 2,280.00
Fuel	Borden-Carleton Scales	38,865	\$ 9,700.00
	Wood Islands Scales	11	\$ 275.00
Work	Borden-Carleton Scales	29,365	\$ 22,600.00
	Wood Islands Scales	9,480	\$ 0.00
Non-Compliance	Borden-Carleton Scales	2,293	\$ 58,600.00
	Wood Islands Scales	212	\$ 400.00
Disinfection Fees	Borden-Carleton Scales	948	\$ 10,807.20
	Wood Islands Scales	31,712	\$ 22.80
Other Front End Decals	Borden-Carleton Scales	4,621	\$ 420.00
	Wood Islands Scales	0	\$ 0.00
TOTALS	Borden-Carleton Scales	3,171	\$ 324,867.20
	Wood Islands Scales	46	\$ 4,027.80

**Recorded Violations**

<b>Item</b>	<b>Location</b>	<b>Number</b>	<b>Revenue</b>
Roads Act	Borden-Carleton Scales	21	\$ 4,744.00
	Wood Islands Scales	6	\$ 1,412.00

Item	Location	Number	Revenue
Highway Traffic Act	Borden-Carleton Scales	19	\$ 4,400.00
	Wood Islands Scales	3	\$ 625.00
Dangerous Goods Act	Borden-Carleton Scales	0	\$ 0.00
	Wood Islands Scales	0	\$ 0.00
	Portables	0	\$ 0.00
TOTALS	Borden-Carleton Scales	40	\$ 9,144.00
	Wood Islands Scales	9	\$ 2,037.00

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	2013-2014	2014-2015
Total Number of Trucks and Truck Trailers Inspected	201	346
Power Units Out of Service	18	27
Tractor Trailers Out of Service	7	18

The Portable Scale Unit consists of one vehicle and portable wheel weigher scales. The unit is staffed by two permanent full-time 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
251	\$ 67,134.00



**Carrier Management**

The National Safety Code Auditor completed eight 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 P.E.I. These audits are to ensure compliance with the regulations for holding a Dealer's Trade License.

**PUBLIC WORKS AND PLANNING DIVISION**

The Division provides the staff and resources required to:

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

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

**BUILDING DESIGN AND CONSTRUCTION**

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

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

**SCHEDULE OF CONSTRUCTION TENDERS RECEIVED (April 1, 2014 - March 31, 2015)**École Evangeline - Site Development - April 8, 2014

Curran & Briggs Ltd.	\$135,315.00
AJL Ltd.	154,700.00
Atlantic Horticulture Services	\$221,315.00

Queen Charlotte - Windows Membrane Repair - April 8, 2014

OMD Construction & Consulting Ltd.	\$12,925.00
MacLean Construction Ltd.	\$21,700.00
WM&M (1993) Ltd.	\$34,400.00
Brighton Construction Inc.	\$42,500.00
Blackhawk Custom Builders	\$76,000.00

Charlottetown Rural - Masonry Repair - April 8, 2014

OMD Construction & Consulting Ltd.	\$29,850.00
WM&M (1993) Ltd.	\$42,400.00
Brighton Construction Inc.	\$47,500.00
MacLean Construction Ltd.	\$47,700.00

<u>M.E. Callaghan - Boiler &amp; Stack Replacement - April 8, 2014</u>	
Bevan Brothers	\$163,000.00
Adam's Plumbing	\$192,000.00
Entire Mechanical Contractors	\$195,195.00
Ron's Plumbing & Heating	\$197,000.00
Precision Mechanical Inc.	\$198,000.00
 <u>Bloomfield Elementary School - Roof Resurfacing - May 8, 2014</u>	
Ashe Roofing Ltd.	\$42,175.00
McCarthy's Roofing Ltd.	\$58,500.00
Atlantic Roofers Ltd.	\$72,482.00
 <u>Westisle High School - Door &amp; Window Replacement - May 8, 2014</u>	
OMD Construction & Consulting Ltd. (Successful bid-tie break by coin toss)	\$29,400.00
GIA Ltd.	\$29,400.00
WM&M (1993) Ltd.	\$30,590.00
MacLean Construction Ltd.	\$45,900.00
 <u>Souris K-12 Smartboard Install - May 22, 2014</u>	
TCS Computers	\$25,225.24
Backman Vidcom	\$31,200.00
 <u>Westwood School - Boiler Replacement - May 27, 2014</u>	
Bevan Brothers	\$102,500.00
Entire Mechanical Contractors	\$108,912.00
Precision Mechanical Inc.	\$110,910.00
Mr. Plumber	\$133,980.00
 <u>Souris Consolidated School - Demolition - May 27, 2014</u>	
G&P Trucking & Construction Ltd.	\$183,738.00
Maintenance Services Ltd.	\$185,000.00
Kings County Construction Ltd.	\$195,750.00
Capital Demolition	\$346,000.00
 <u>Queen Charlotte - Carpet Tile to Music Room - May 29, 2014</u>	
Tile Master Inc.	\$9,900.00
City Flooring	\$12,616.75
 <u>Hernewood Jr. High - Electrical Service Upgrade - June 10, 2014</u>	
Stetson's Electrical Ltd.	\$32,990.00
Gaudet's Electrical Services Ltd.	\$35,895.00
DBA Solar Electric Ltd.	\$43,795.00
Entire Mechanical Contractors	\$46,800.00
 <u>Sherwood Elementary School - Wheelchair Lift - June 19, 2014</u>	
Home Safe Living	\$28,850.00
Harding Medical	\$29,355.00
 <u>O'Leary Elementary School - Wheelchair Lift - June 24, 2014</u>	
Home Safe Living	\$27,480.00
Harding Medical	\$29,989.00
 <u>Montague Regional High School - Library Roof Repair - June 26, 2014</u>	
WM&M (1993) Ltd.	\$57,350.00
Brighton Construction Inc.	\$61,900.00
MacLean Construction	\$75,977.00

<u>Gulf Shore Health Centre - Entrance Modifications - June 26, 2014</u>	
City Glass	\$5,933.00
O'Connor Glass Ltd.	\$7,835.00
<u>Ecole Francois Buote Phase 2 - Addition/Renovation - July 15, 2014</u>	
MacLean Construction Ltd.	\$4,192,192.00
Brighton Construction Inc.	\$4,359,000.00
Fitzgerald & Snow (2010) Ltd.	\$4,379,000.00
<u>Charlottetown Rural - Site Drainage - July 24, 2014</u>	
WM&M (1993) Ltd.	\$68,000.00
Island Coastal Services Ltd.	\$78,418.91
<u>Montague Regional High School - Sediment Pond Repair - July 24, 2014</u>	
Kenny's Backhoeing Ltd.	\$7,475.00
Kings County Construction Ltd.	\$9,974.00
<u>Royalty Centre - Partial Roof Replacement - July 31, 2014</u>	
Ashe Roofing Ltd.	\$149,623.00
Atlantic Roofers Ltd.	\$191,970.00
McCarthy's Roofing Ltd.	\$198,000.00
<u>Beach Grove Home - Chimney Repair - August 6, 2014</u>	
Red Clay Construction	\$20,254.00
West Masonry Ltd.	\$23,400.00
Clark Masonry	\$50,000.00
<u>Souris K-12 Move - August 7, 2014</u>	
Foley's Transfer Inc.	\$5,000.00
Rush Transfer Ltd.	\$5,300.00
Gallant Moving & Storage Ltd.	\$8,700.00
<u>Charlottetown School Bus Depot - Partial Parking Lot Repair - August 14, 2014</u>	
Island Construction Ltd.	\$46,000.00
Island Coastal Services Ltd.	\$46,711.11
M&M Resources	\$54,000.00
<u>Queens County Highway Depot - Phase 1 - September 23, 2014</u>	
Island Coastal Services Ltd.	\$2,159,247.57
Island Construction Ltd.	\$2,327,920.00
<u>Acadian Drive Salt Dome Demolition - October 2, 2014</u>	
G&P Trucking and Construction Ltd.	\$9,500.00
Island Coastal Services Ltd.	\$9,964.36
Duffy Construction Ltd.	\$29,500.00
Lomer MacDonald Inc.	\$31,800.00
Label Construction Ltd.	\$47,427.00
<u>PCC - New Concrete Wall Enclosure for Exercise Yard - October 7, 2014</u>	
OMD Construction & Consulting Ltd.	\$149,200.00
MacLean Construction Ltd.	\$157,700.00
WM&M (1993) Ltd.	\$192,000.00
<u>LCC Queen Street - Interior Renovation - October 21, 2014</u>	
Brighton Construction Inc.	\$34,300.00
OMD Construction & Consulting Ltd.	\$34,900.00
MacLean Construction Ltd.	\$39,499.00
WM&M (1993) Ltd.	\$41,000.00

<u>Beach Grove Home - Dehumidification - Harbour Wing - October 21, 2014</u>	
J&S Sheet Metal Ltd.	\$104,675.00
Entire Mechanical Contractors	\$108,108.00
<u>Western Hospital - Door Replacement - November 6, 2014</u>	
OMD Construction & Consulting Ltd.	\$16,840.00
<u>PEI Analytical Lab - New Concrete Sidewalk - November 12, 2014</u>	
MacLean Construction Ltd.	\$9,890.00
Ostridge Brothers Inc.	\$11,700.00
Brumac Construction Ltd.	\$12,636.00
WM&M (1993) Ltd.	\$13,100.00
Island Coastal Services Ltd.	\$15,110.12
OMD Construction & Consulting Ltd.	\$17,625.00
<u>Various Hillsborough Hospital Properties - Demolition - November 13, 2014</u>	
Kildare Construction	\$324,000.00
Vector Demolition	\$349,000.00
G&P Trucking & Construction Ltd.	\$391,935.00
MacLean Construction Ltd.	\$428,900.00
Fitzgerald & Snow (2010) Ltd.	\$429,700.00
Island Coastal Services Ltd.	\$429,869.74
Birt & MacKay Backhoe Services Ltd.	\$470,940.35
<u>Coles Building - Site Lighting Upgrade - November 13, 2014</u>	
DBA Solar Electric Ltd.	\$37,750.00
Hansen Electric Ltd.	\$38,200.00
Olympia Electric Ltd.	\$46,470.00
Jamieson Electric	\$46,600.00
<u>Provincial Youth Recovery Centre - Strength Program Reno - November 18, 2014</u>	
WM&M (1993) Ltd.	\$319,000.00
OMD Construction & Consulting Ltd.	\$322,800.00
Fitzgerald & Snow (2010) Ltd.	\$323,980.00
MacLean Construction Ltd.	\$325,900.00
GIA Ltd.	\$458,000.00
<u>Souris Hospital - Dialysis Renovation - November 18, 2014</u>	
Fitzgerald & Snow (2010) Ltd.	\$243,400.00
Cahill's Construction Ltd.	\$256,900.00
Brighton Construction Inc.	\$262,000.00
B. Clinton Construction Ltd.	\$269,000.00
MacLean Construction Ltd.	\$269,900.00
<u>LCC Warehouse - Storage Enclosure - November 25, 2014</u>	
Brumac Construction Ltd.	\$144,870.00
OMD Construction & Consulting Ltd.	\$151,000.00
Southern Kings Construction Ltd.	\$163,200.00
Brighton Construction Inc.	\$164,900.00
Fitzgerald & Snow (2010) Ltd.	\$169,600.00
MacLean Construction Ltd.	\$169,600.00
<u>Borden Disinfection Station - Exterior Steel Platform - December 18, 2014</u>	
Livingston Steel Inc.	\$17,850.00

<u>Beach Grove Home - Fire Alarm Upgrade - January 15, 2015</u>	
Entire Mechanical Contractors	\$86,900.00
Olympia Electric Ltd.	\$89,977.00
Hansen Electric Ltd.	\$97,700.00

<u>Montague Consolidated - Central Water Servicing - January 23, 2015</u>	
Birt & MacKay Backhoe Services Ltd.	\$36,385.72
Island Coastal Services Ltd.	\$52,914.37
Kings County Construction Ltd.	\$53,979.00

<u>Western Hospital - Health Centre Renovations - February 12, 2015</u>	
OMD Construction & Consulting Ltd.	\$109,999.00
GIA Ltd.	\$131,000.00
WM&M (1993) Ltd.	\$143,000.00
Wellington Construction Co. Ltd.	\$144,564.00
MacLean Construction Ltd.	\$144,900.00
Perry's Construction Ltd.	\$158,000.00

<u>Kings County Memorial Hospital - Rooftop Ventilation Replacement - February 26, 2015</u>	
Gavin Gill Inc.	\$97,107.00
Entire Mechanical Contractors	\$98,980.00
J&S Sheet Metal Ltd.	\$105,200.00

<u>Bluefield High School - Partial Roof Replacement - March 10, 2015</u>	
Ashe Roofing Ltd.	\$99,455.00
Atlantic Roofers Ltd.	\$108,970.00
A-Tech Roofing Ltd.	\$135,600.00

<u>M.E. Callaghan Intermediate - Parial Roof Replacement - March 10, 2015</u>	
Ashe Roofing Ltd.	\$78,980.00
Atlantic Roofers Ltd.	\$82,697.00
A-Tech Roofing Ltd.	\$101,200.00

<u>Colonel Gray High School - IT Consolidation - March 27, 2015</u>	
DBA Solar Electric Ltd.	\$106,750.00
Hansen Electric Ltd.	\$115,600.00
Olympia Electric Ltd.	\$159,000.00

<u>Charlottetown Rural High School - IT Consolidation - March 27, 2015</u>	
Hansen Electric Ltd.	\$133,700.00
Olympia Electric Ltd.	\$184,000.00

### **Projects from Previous Year**

Contract administration and quality control was also provided for the following projects that were tendered prior to April 1, 2014:

- Souris K-12 School
- École François Buote - Phase 2

### **Biomass Heat**

The Division provided consulting and project management services required to obtain contracts covering the provision of biomass heat for 21 government facilities. Eleven of the biomass heating plants were operational at the end of March 2015. Nine additional plants are scheduled to be operational by early 2016.

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:

- Community Hospital, O'Leary (Operating)
- Three Oaks High School (Operating)
- Bluefield High School (Operating)
- Wedgewood Manor
- Maplewood Manor (Operating)
- Miscouche School
- Western Hospital (Operating)
- Athena School (Operating)
- Summerside Intermediate School (Operating)
- Summerside Young Offenders
- Souris Hospital
- Souris K to 12 School
- Beachgrove Manor (Operating)
- New PE Home
- Provincial Correctional Center (Operating)
- Stonepark School (Operating)
- East Wiltshire School (Operating)
- Eliot River School
- Morell High School
- Elm Street School
- École sur Mer School

#### **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

Exterior painting  
Repairs to eaves

<u>Access PEI - Summerside</u>	New shear weave window blinds New sidewalk Parking lot repairs & modifications
<u>Alberton Access</u>	Exterior painting Parking lot repairs
<u>Alma Field Office</u>	Zone valve repairs New gate
<u>Forestry - Prince</u>	Exterior upgrades - new metal siding and vinyl windows
<u>Green Park</u>	Fireplace inspection Repairs to verandah New electrical service Tree removal
<u>Harbourside Medical Centre</u>	New carpet and vct flooring
<u>Holman Building</u>	New flooring partial 3 <sup>rd</sup> floor
<u>Kensington Post Office</u>	New town clock and commemorative plaque Exterior paint to handrails Entrance door system repairs
<u>Kensington Potato Services</u>	New heating valve
<u>Mount Pleasant VIC</u>	New metal roof Grounds maintenance - flower/shrub beds
<u>Prince County Jail &amp; Courthouse</u>	Repairs to fire escape Carpet replacement 2 <sup>nd</sup> floor
<u>Scale House (Borden)</u>	Scale deck repairs 60-day testing, calibration and certification New hot water heater Floor refinishing New UPS New exhaust fan for server
<u>Summerside Garage - Slemon Park</u>	Exterior light repairs Repairs to rooftop units Replace CO2 sensor New gate
<u>St. Eleanors</u>	New sump pump Roof repair
<u>Summerside Youth Centre</u>	Boiler replacement (4) Parking lot upgrade - new asphalt seal Window replacement Courtyard gate modifications
<u>Tignish Body Shop</u>	Boiler repair
<u>Tignish Sign Shop</u>	Boiler repair New heating coils

<u>Tyne Valley Medical Centre</u>	Heat pump repairs
<u>Tyne Valley Youth Centre</u>	Parking lot upgrade - new asphalt seal Floor refinishing New carpet and vct flooring New windows to bedroom doors Replaced dishwasher New window blinds
<u>West Prince RSC - O'Leary</u>	Parking lot repairs & drywell installations
<b>Queens County:</b>	
<u>Analytical Lab - Upton Rd</u>	Security system repairs New entrance sidewalk
<u>Belmont Street Warehouse</u>	Roof repair
<u>Cavendish VIC</u>	Repair to water treatment system New park benches
<u>Coles Building</u>	Interior renovations for temporary legislature
<u>Customs House</u>	Boiler & oil tank replacement Attic insulation Stair treads and flooring replacement - Probation entrance Interior painting of 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> floor
<u>Davies Court House</u>	Upgrade to main entrance to enable enhanced security protocols Brick re-pointing Exterior staining Exterior concrete slab repairs Upgrade to BMS System
<u>Government House</u>	Exterior painting - east and south sides New accessible washroom Paint / seal exterior of Summer Room New storm window inserts
<u>Highway Safety Ian MacLeod Building</u>	Interior painting of Access lobby
<u>Kelly Building</u>	3 <sup>rd</sup> floor flooring replacement Interior painting
<u>Mona Wilson Building</u>	Attic insulation Entrance steps modifications
<u>Province House Annex</u>	Renovations required to accommodate the relocation of the Legislature
<u>Provincial Correctional Centre</u>	Replace maximum sinks and toilets in wet cells with combi-units New windows to administration wing
<u>Royalty Centre - Holland College</u>	Parking lot repairs - lot 1



Shaw /Sullivan /Jones Buildings

New shear weave window blinds  
Replacement of cooling tower and pumps  
Replace AHU system #3  
Courtyard landscaping - large planter  
5<sup>th</sup> floor renovations for ITSS - Sullivan Building  
Tree removal  
Exterior concrete slab repairs  
Executive Council - accommodations space planning  
Taxation - accommodations space planning  
Water infiltration repairs - sump pits and drains  
1<sup>st</sup> floor renovations for Communications - Jones Building  
1<sup>st</sup> floor Jones and 5<sup>th</sup> floor Sullivan flooring replacement  
1<sup>st</sup> floor Shaw Center and South flooring supply

TIR Storage Warehouse

Shredder repairs

**Kings County:**

Basin Head/Elmira

New roof shingles

Forestry - Kings

Exterior painting of the workshop  
Replaced exhaust fan

Highway Material Lab

Roof repairs  
Siding repairs

Kings County Courthouse

Roof repairs  
Carpet replacement  
Data/voice installations

Lea Crane Building

Domestic water heater & circulation pump replacement

MacPhail Homestead

Fireplace repairs  
Roofing repairs

Montague Food Bank

New exterior security light  
Repairs to exterior fascia

Montague Office Complex

MH&A space planning  
Interior painting  
New sump pump  
Exterior door repairs  
Boiler repairs

Orwell Historic Village

Repairs to wheelchair ramp and door  
Fascia replacement at Clark's Store

Rollo Bay School

Pneumatic repairs  
Furnace repairs  
New air dryer

Scale House (Wood Islands)

Scale deck repairs  
60-day testing, calibration and certification  
Paint deck curbs  
Repairs to weigh bars

## **LAND AND ENVIRONMENT DIVISION**

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

- provide environmental management and regulatory compliance services for the Department, and for others conducting activities within the Provincial Right-of-Way;
- provide core land management and administration for all government lands and holdings, and real estate services on behalf of all government departments; and
- provide land and engineering surveying services for the Department and other government agencies, provide expertise on boundary law and the law on public roads, and maintain the Provincial cadastral infrastructure.

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

### **ENVIRONMENTAL MANAGEMENT SECTION**

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

### **PROJECT REGISTRATION AND APPROVAL PROCESS**

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

### **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 DELJ

The Section processed 407 environmental assessments/project approvals during 2014-2015, including 313 field approvals. A summary of the 407 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.

#### 2014 Environmental Management Section Project Approvals

County	Blanket Approval	EMS Approval (only)	EMS Field Approval	EMS Approval & DELJ Permit	Total
Prince	7	1	116	9	133
Queens	7	32	85	20	144
Kings	7	5	112	6	130
Province	21	38	313	35	407

#### Blanket Approvals

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

EMS now issues blanket approvals to the Department's Highway Maintenance Division (HMD), Bridge Maintenance Section, Capital Projects Division, Confederation Trail Program, as well as Canada Post and Maritime Electric. The issuing of these approvals streamlines the project registration and approval process, while at the same time, maintaining established standards of environmental protection. A summary of projects completed in each county during 2014-2015 for the various blanket approval types is provided in the following table:

#### 2014 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	12	11	5	28
Road Bump Installations	0	0	3	3
Shore Access	2	9	7	18
Maintenance of Environmental Controls	23	60	22	105
Guardrail Reinstatement (with shoulder work)	21	41	6	68
Confederation Trail Surface and Slope Repairs	7	8	0	15

Blanket Approval Type	Number of Blanket Approval Projects Completed			
	Kings County	Queens County	Prince County	Provincial Total
Confederation Trail Vegetation Management	0	8	0	8
Ditching	21	35	38	94
Brush Cutting	72	47	63	182
Timber Pile Bridge Minor Repair	2	0	0	2
Unpaved Road Improvements With/Without Ditching (within 30 m of Watercourse/Wetland)	21	41	19	81
Surface Water Cross Culvert Replacement	24	20	13	57
Repair, Increase or Replace Stabilization Materials at Watercourse/Wetland	3	7	6	16
Maintenance of Provincial Tap Drains	2	3	5	10
Repair/Replace Timber Floors	0	3	0	3
Shoulder Grading/Planing & Material Placement	30	31	26	87
Debris Removal From Structures	3	3	0	6
Painting Bridge Structures	2	0	0	2
Asphalt Overlay	3	6	0	9
Total Blanket Approval Projects	248	333	213	794

### 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 2014/15, 313 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 2014/15, 38 EMS Approval-to-Proceed permits were issued.

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

Projects which are approved under the EMS Approval-to-Proceed with DELJ Watercourse, Wetland, or Buffer Zone Activity permits are subject to review by EMS, the Provincial Department of Environment, Labour and Justice 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 2014/15, 35 EMS Approval-to-Proceed with DELJ Watercourse, Wetland, or Buffer Zone Activity permits were issued.

### **Environmental Audit Results**

Annually, an end of construction season environmental audit is undertaken. This audit is usually conducted with support of and participation by staff from DELJ, and Fisheries and Oceans. The audit provides an opportunity to discuss work methods, environmental controls, and new and different methods of conducting work.

Unfortunately, in 2014, due to a busier than usual Fall work season and heavy rainstorm events, the audit was unable to be completed. Projects completed in 2015 are expected to be audited.

### **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 2014/15, EMS staff coordinated environmental management round-table discussion sessions with several TIR Divisions. The topics of these sessions included TIR environmental policies and procedures, changes to the *Environmental Protection Act*, as well as the installation of proper environmental controls and activities such as in-stream culvert work, ditching, etc. EMS staff also made presentations to staff with the Highway Maintenance Division and Confederation Trail Program at Spring Orientation sessions.

#### **Policy and Program Development**

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

#### **Programs**

- Joint Beaver Management Program with DELJ
- 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**

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

#### **Designated Scenic Heritage Roads**

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

### **Agriculture-Related Work**

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

### **Agricultural Encroachment on ROW**

Each year, Provincial ROWs are significantly impacted by agricultural operations in a number of locations across the Province. These impacts include: excessive stormwater flow being directed into the ROW; eroded sediment depositing in ditches and culverts; liquid manure flowing into ditches and culverts; and, vegetable processing wash water being directed into ditches and culverts. EMS staff identify these encroachments, gather applicable information and forward a complaint to the Provincial Agriculture Department who, in turn, work with the land owner and TIR 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 Environment, Labour and Justice, 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 18 local community and watershed-based groups in 2014-2015 to coordinate the completion of more than 52 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 (BMW's) are hired to proactively 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 Forestry. The cost of hiring the BMW's 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 BMW's identified and managed beaver problems at 160 sites in 2014-2015.

### **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
- Upton Farm Trust 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* (NWPA) Approval, reviewed by Fisheries and Oceans Canada to determine whether a project will result in serious harm to fish, and Watercourse, Wetland, and Buffer Zone Activity Permits.

#### **NWPA Approvals**

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

### **THE OFFICE OF THE PROVINCIAL CHIEF SURVEYOR**

This office provides land surveying services and expert opinion on legal and technical aspects related to land surveying and maintains a close working relationship with the Properties, Capital Projects, Highway Maintenance, Building Design and Construction sections of the Department. Expertise and services are also provided to other departments including: Environment, Labour and Justice; Finance, Energy and Municipal Affairs; Agriculture and Forestry; Tourism and Culture; 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 110 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 31 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. Surveys for the intersections that were re-aligned as part of the Trans Canada Highway through Bonshaw have been carried out. As well, surveys for the re-alignment of the intersection of the York Road and Route 2 have been completed. Survey plans for the re-alignment of the Trans Canada Highway at Tryon Phase 1 are almost complete. Work has started on the surveys for Phase 2 of the re-alignment of the Trans Canada Highway at Tryon and should be completed within the next year.

### **Provincial Survey Reference System**

Work has been completed on the installation of the new GNSS-based active control network. The system is now fully operational and training is scheduled for all TIR survey crews in the use of the new system. Once training is complete, this office will commence testing this system to ensure the accuracy and repeatability of measurements obtained through its use. This reference system will replace the existing system of survey monuments, and all future surveys done in the Province are to be referenced to this system.

### **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.

### **Database**

The Office of the Chief Surveyor has arranged for I.T.S.S. to create a new database for keeping track of all of the files in this office. This new database will allow for the compilation of all of the records into one database, as opposed to the many various ones that have been in use the past 30 years. This will make record keeping more efficient, will allow for better tracking of work in progress on specific jobs, and will enable a better response to requests from the public and other government departments for information. Currently, the database is in the testing phase. It should be fully operational within the next year.

## **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, 2015, there were approximately 2,099 essential properties (totalling 97,278 acres) and 132 surplus properties (totalling 542 acres) held in provincial ownership and under the management of various government departments.

For the period April 1, 2014 to March 31, 2015, the Properties Section received 412 inquiries related to provincial property matters.

#### **Property Leases - April 1, 2014 to March 31, 2015**

For the period April 1, 2014 to March 31, 2015, there were 93 lease agreements on 110 provincial properties (1,409 approximate acres) generating a revenue of \$69,726.00 for this period.

In addition, there were an additional 283 lease or licence agreements on 520 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, 2014 to March 31, 2015**

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
177188	West St. Peters	63.89 acres	\$ 580,000	Property acquired by Government as part of negotiations when sale of Crowbush did not proceed.
1072818	Mount Royal	0.72 acres	\$ 834	Acquired a portion of property as a conservation buffer area along the Barclay Brook and was cost shared as a joint initiative between Government and an external party. Government paid \$833.53 and external party paid \$833.53.
58206	Mount Royal	33.40 acres	\$ 38,666	Acquired property as a conservation buffer area along the Barclay Brook and was cost shared as a joint initiative between Government and external party. Government paid \$38,666.00 and external party paid \$38,666.00.

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
1074673	Mount Royal	21.00 acres	\$ 31,500	Acquired property as a conservation buffer area along the Barclay Brook and was cost shared as a joint initiative between Government and external party. Government paid \$31,500.00 and external party paid \$31,500.00.
1074707	Mount Royal	40.00 acres	\$ 60,000	Acquired property as a conservation buffer area along the Barclay Brook and was cost shared as a joint initiative between Government and external party. Government paid \$60,000.00 and external party paid \$60,000.00.
1074061	Bonshaw	63.00 acres	\$ 129,000	Property was acquired as part of the recommendations of the Bonshaw Hills Public Lands Report.
1074723	Bonshaw	28.00 acres	\$ 97,000	Property was acquired as part of the recommendations of the Bonshaw Hills Public Lands Report.
1071638	Bonshaw	66.00 acres	\$ 129,000	Property was acquired as part of the recommendations of the Bonshaw Hills Public Lands Report.
26	North Cape	0.05 acres	\$ 0	Acquired for shore line protection.
1070424	Park Corner	0.29 acres	\$ 0	Acquired for parking lot purposes.
222687	North Bedeque	0.50 acres	\$ 15,422	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
466565	Wellington	0.28 acres	\$ 6,670	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
213843	Searletown	0.12 acres	\$ 3,845	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
37226	Rosebank	0.70 acres	\$ 12,744	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
268615	Baie-Egmont	1.73 acres	\$ 3,556	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
5777	Tignish	0.47 acres	\$ 6,149	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
594671	St. Roch	0.48 acres	\$ 21,934	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
22020	Springhill	0.50 acres	\$ 2,861	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
481614	Alaska	0.50 acres	\$ 3,685	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
8383	St. Louis	0.34 acres	\$ 6,391	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
23432	Enmore	7.00 acres	\$ 7,753	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
221960	Central Bedeque	0.13 acres	\$ 2,823	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
629303	Borden-Carleton	0.06 acres	\$ 2,260	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
435339	St. Charles	2.50 acres	\$ 5,256	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
499236	Launching	1.50 acres	\$ 3,752	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
664193	Abney	1.00 acres	\$ 5,596	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
512665	Morell	0.11 acres	\$ 3,245	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
116376	New Zealand	0.11 acres	\$ 5,240	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
634311	Byrnes Road	0.45 acres	\$ 6,749	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
231225	Mayfield	0.94 acres	\$ 14,441	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
101329	Souris	0.12 acres	\$ 28,271	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
792267	Dromore	0.92 acres	\$ 3,509	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
686774	Belle River	0.84 acres	\$ 4,475	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
243881	Brooklyn	0.50 acres	\$ 3,583	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
167692	DeGros Marsh	0.71 acres	\$ 2,833	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
251298	Murray Harbour North	0.25 acres	\$ 3,856	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
171926	Georgetown	0.22 acres	\$ 3,377	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
104141	Souris	0.17 acres	\$ 16,003	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
297374	Hopefield	0.20 acres	\$ 3,495	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
199315	Montague	0.06 acres	\$ 3,225	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
774828	Souris	0.21 acres	\$ 4,332	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
1018423	Borden-Carleton	2.67 acres	\$ 0	Acquired portion of property for day use park.
425892	Charlottetown	0.51 acres	\$ 0	Acquired portion of property to allow for parking at the new Palliative Care facility.
<b>Total</b>	<b>43 Properties</b>	<b>343.15 acres</b>	<b>\$ 1,283,331</b>	

**Property Acquisitions (RLAF) - April 1, 2014 to March 31, 2015**  
**(RLAF - Resource Land Acquisition Fund)**

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
179846	Green Meadows	11.50 acres	\$ 5,750	Acquired for the Department of Agriculture and Forestry.
179853	Green Meadows	24.50 acres	\$ 12,250	Acquired for the Department of Agriculture and Forestry.
235457	Millvale	3.00 acres	\$ 6,000	Acquired for the Department of Agriculture and Forestry.
1072727	Martinvale	20.00 acres	\$ 8,000	Acquired for the Department of Agriculture and Forestry.
812933	Naufrage	40.70 acres	\$ 6,000	Acquired for the Department of Agriculture and Forestry.
116228	New Zealand	175.00 acres	\$ 45,500	Acquired for the Department of Agriculture and Forestry.
262923	St. Raphael	50.00 acres	\$ 22,800	Acquired for the Department of Agriculture and Forestry.
66308	St. Nicholas	68.00 acres	\$ 10,120	Acquired for the Department of Agriculture and Forestry.
66282	St. Nicholas	100.00 acres	\$ 14,880	Acquired for the Department of Agriculture and Forestry.
235440	Millvale	50.00 acres	\$ 65,000	Acquired for the Department of Agriculture and Forestry.
235465	Millvale	50.00 acres	\$ 68,000	Acquired for the Department of Agriculture and Forestry.
1074780	Peters Road	13.00 acres	\$ 31,000	Acquired for the Department of Agriculture and Forestry. Total includes \$1,000.00 for legal fees.
<b>Total</b>	<b>12 Properties</b>	<b>605.70 acres</b>	<b>\$ 295,300</b>	

**Easements Granted - April 1, 2014 to March 31, 2015**

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
355461	Charlottetown	0.03 acres	\$ 0	Easement granted for upgrading of sanitary sewer systems.
367607	Charlottetown	0.25 acres	\$ 0	Easement granted for upgrading of sanitary sewer systems.

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
784454	Charlottetown	0.09 acres	\$ 0	Easement granted for upgrading of sanitary sewer systems.
548883	Norway	0.047 acres	\$ 638	Easement granted for an underground electrical cable.
76885	Kensington	0.32 acres	\$ 500	Right-of-Way granted over CNR corridor to access adjacent property.
31609	Alberton	0.03 acres	\$ 500	Right-of-Way granted over CNR corridor to access adjacent property.
823930	Cardigan Head	0.028 acres	\$ 0	Right-of-Way granted over CNR corridor to access adjacent property.
1030303	Summerside	1.25 acres	\$ 0	Easement granted for water and sewer main.
876656	Summerside	0.08 acres	\$ 0	Easement granted for water and sewer main.
<b>Total</b>	<b>9 Properties</b>	<b>2.12 acres</b>	<b>\$ 1,638</b>	

**Easements Acquired - April 1, 2014 to March 31, 2015**

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
32714	Elmsdale	0.08 acres	\$ 0	Acquired easement for tap drain.
32730	Elmsdale	0.04 acres	\$ 0	Acquired easement for tap drain.
526889	Elmsdale	0.09 acres	\$ 0	Acquired easement for tap drain.
822288	Rustico	1.57 acres	\$ 0	Acquired easement for shoreline protection.
1013366	Fairview	0.30 acres	\$ 0	Acquired easement for tap drain.
876698	Newton	0.17 acres	\$ 0	Acquired temporary easement for turning area in new subdivision.
284190	Hazel Grove	13.00 acres	\$ 500	Acquired easement for tap drain.
196667	Montague	0.10 acres	\$ 0	Acquired easement for sewer system and public access to the river.
914275	North Rustico	0.10 acres	\$ 0	Acquired temporary easement for cul-de-sac in subdivision.
854729	Fairview	0.02 acres	\$ 500	Acquired easement for storm water management.
289512	Stratford	0.27 acres	\$ 0	Acquired easement for storm water management.

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
1026558	Stratford	0.27 acres	\$ 0	Acquired easement for storm water management.
933291	Murray Harbour	0.008 acres	\$ 500	Acquired easement for storm water management.
270496	Murray Harbour	0.004 acres	\$ 500	Acquired easement for storm water management.
704098	Vernon Bridge	0.67 acres	\$ 0	Acquired easement for storm water management.
154773	Bridgetown	1.09 acres	\$ 500	Acquired easement for storm water management.
708115	Charlottetown	0.002 acres	\$ 0	Acquired easement for storm water management.
218651	Bonshaw	0.06 acres	\$ 0	Acquired easement for tap drain.
163709	Roseneath	0.15 acres	\$ 1,800	Acquired Right-of-Way for golf cart path.
1053818	Kinkora	0.52 acres	\$ 0	Acquired easement for storm water management.
1053818	Kinkora	0.12 acres	\$ 0	Acquired easement for a temporary turning area in sub-division.
1047315	Stratford	0.14 acres	\$ 0	Acquired easement for storm water management.
132191	Brackley Beach	0.57 acres	\$ 0	Acquired easement for storm water management.
132191	Brackley Beach	0.023 acres	\$ 0	Acquired easement for a temporary turning area in sub-division.
867465	Stratford	0.50 acres	\$ 0	Acquired easement for storm water management.
289801	Stratford	0.17 acres	\$ 1,000	Acquired slope easement.
1072420	Cardigan	1.47 acres	\$ 0	Acquired easement for future shoreline protection and maintenance.
1027531	North Rustico	0.02 acres	\$ 0	Acquired easement for storm water management.
<b>Total</b>	<b>28 Properties</b>	<b>21.52 acres</b>	<b>\$ 5,300</b>	

**Disposals for Highways - April 1, 2014 to March 31, 2015**

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
10124	Skinnners Pond	0.00 acres	\$ 0	Quit Claim Deed releasing any interest of Government.

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
230995	Mayfield	0.49 acres	\$ 500	Portion of old road bed closed and conveyed to adjacent property owner.
163378	Roseneath	0.99 acres	\$ 0	Portion of old road bed closed and conveyed to adjacent property owner.
443820 & 248997	Cornwall	0.67 acres	\$ 0	Portion of old road bed closed and conveyed to adjacent property owner.
285205	Hazel Grove	1.01 acres	\$ 500	Portion of old road bed closed and conveyed to adjacent property owner.
525071	Cardigan	0.04 acres	\$ 0	Portion of old road bed closed and conveyed to adjacent property owner.
431056	New London	0.16 acres	\$ 0	Conveyed property to accommodate mooring of more fishing vessels.
656934	Bay Fortune	0.47 acres	\$ 0	Federal wharf encroachment, parcel appended to existing Bay Fortune Harbour.
<b>Total</b>	<b>8 Disposals</b>	<b>3.83 acres</b>	<b>\$ 1,000</b>	

**Acquisitions for Highways - April 1, 2014 to March 31, 2015**

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
1058429	Bonshaw	0.00 acres	\$ 150,600	Expropriated settlement TCH realignment (Gateway).
1042266	Brackley	2.34 acres +house	\$ 239,000	Acquired for proposed new Government Garage site.
237040	North Rustico	0.367 acres +building	\$ 239,000	Acquired to remove commercial access, future road realignment and green space
1010313	Brackley	0.90 acres +building	\$ 93,000	Acquired for proposed new Government Garage site.
244210	Commercial Cross	1.20 acres +house	\$ 90,000	Acquired for future road realignment.
289470	Stratford	0.39 acres +house	\$ 140,000	Acquired to remove the driveway off the Trans Canada Highway and for future road improvements.
206888	Hampton	0.20 acres +house	\$ 85,000	Acquired to improve site distance.
218743	Bonshaw	0.57 acres	\$ 10,000	Acquired for road widening.
208561	Tryon	1.11 acres	\$ 35,000	Acquired for Tryon TCH realignment.



Parcel	Location	Acreage	Amount	Notes
208496	Tryon	0.70 acres +house	\$ 30,000	Acquired for future curve realignment on Route 10.
208215	Tryon	73.00 acres +house +outbuildings	\$ 330,000	Acquired for Tryon TCH realignment.
218461	Bonshaw	0.17 acres	\$ 2,800	Acquired for road widening.
857532	Springbrook	2.80 acres	\$ 19,000	Acquired for Route 20 realignment.
208637	Tryon	0.51 acres +house	\$ 148,500	Acquired for Tryon TCH realignment.
868968	Brackley	1.42 acres +house	\$ 355,300	Acquired for proposed new Government Garage site.
245134	Cornwall	4.43 acres	\$ 0	Property acquired via land exchange for future by-pass project. (PID# 245134 for PID# 882761)
135459	Stanhope	0.03 acres	\$ 0	Acquired to construct a walking path along Bayshore Road - Route 25.
168914	Stanhope	0.05 acres	\$ 0	Acquired to construct a walking path along Bayshore Road - Route 25.
376160	Stanhope	0.51 acres	\$ 0	Acquired to construct a walking path along Bayshore Road - Route 25.
431254	DeSable	0.04 acres	\$ 2,200	Acquired for the realignment of Routes 1 & 246 intersection.
440180	Charlottetown	0.21 acres	\$ 0	Acquired for access to and from Garfield Street at roundabout.
1053818	Kinkora	1.83 acres	\$ 0	Acquired for new subdivision street.
1071570	Derby	5.10 acres	\$ 16,000	Acquired for road realignment.
1027531	North Rustico	0.43 acres	\$ 0	Acquired for extension to new subdivision street.
26	North Cape	0.13 acres	\$ 0	Acquired for future road work.
490573	Marshfield	0.13 acres	\$ 6,451	Acquired for road realignment project.
445643	Bonshaw	0.005 acres	\$ 0	Acquired for road widening.
385278	Lower Malpeque Road	0.024 acres	\$ 0	Acquired for sidewalk purposes.
751628	Lower Malpeque Road	0.020 acres	\$ 0	Acquired for sidewalk purposes.

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
1014083	Lower Malpeque Road	0.018 acres	\$ 0	Acquired for sidewalk purposes.
286765	Murray River	0.05 acres	\$ 0	Acquired to be appended to the road.
<b>Total</b>	<b>31 Properties</b>	<b>98.68 acres</b>	<b>\$ 1,991,851</b>	

**Property Disposals (Not RLAF) - April 1, 2014 to March 31, 2015**

<b>Parcel</b>	<b>Location</b>	<b>Acreage</b>	<b>Amount</b>	<b>Notes</b>
400820	Milltown Cross	119.30 acres	\$ 0	Decision of Government to convey land to Moonlight International Foundation Inc. with a reversionary clause.
258665	Milltown Cross	25.00 acres	\$ 0	Decision of Government to convey land to Moonlight International Foundation Inc. with a reversionary clause.
33597	Elmsdale	0.05 acres	\$ 300	Tax sale property sold to adjacent land owner.
219378	Green Bay	0.20 acres	\$ 100	Tax sale property sold to adjacent land owner.
423897	Tracadie Cross	0.42 acres	\$ 500	Tax sale property sold to adjacent land owner.
882761	Warren Grove	4.43 acres	\$ 0	Disposed of property through land exchange. (PID# 882761 for PID# 245134).
102186	Souris	1.06 acres	\$ 0	Conveyed property for skate/bike park.
525071	Cardigan	1.43 acres	\$ 0	Conveyed property for community use.
211086	Borden-Carleton	0.20 acres	\$ 0	Disposed of property through land exchange. (Portion of PID# 211086 be appended to PID# 809517).
1018423	Borden-Carleton	0.04 acres	\$ 0	Disposed of property through land exchange. Portion of PID#1018423 be appended to PID#809517).
335158	Charlottetown	0.73 acres	\$ 0	Disposed portion of property for extension of Queen Street at wharf.
<b>Total</b>	<b>11 Disposals</b>	<b>152.86 acres</b>	<b>\$ 900</b>	

### Property Disposals (RLAF) - April 1, 2014 to March 31, 2015

Parcel	Location	Acreage	Amount	Notes
100024	Souris	0.51 acres	\$ 1,600	Area conveyed to enlarge property.
<b>Total</b>	<b>1 Disposal</b>	<b>0.51 acres</b>	<b>\$ 1,600</b>	

### CAPITAL PROJECTS DIVISION

#### CHIEF ENGINEER'S REPORT

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

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

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

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

Planning within Capital Projects emphasized the need for: completing work early in the fall under favourable weather conditions; tendering the work in larger projects to improve quality control; and, the reduction of overall construction costs. The Department's emphasis is now on improvements to the Trans Canada Highway and the continuation of dedicating more resources to bridge replacement. The total capital highway and bridge expenditures for FY2014/15 was approximately \$37,522,187. The Department's Bridge Maintenance expenditures are covered under the ordinary budget accounts.

A new funding agreement, Build Canada Fund, with Ottawa was put in place in 2014. This agreement is a 10-year funding deal between the Federal and Provincial governments. Three road projects were completed under this funding agreement which included, Route 1 Bonshaw, Route 1 Tryon and Route 2 York intersection. The Souris Bridge replacement project was started in the 2014 construction year under this funding agreement with the expected completion time being the summer of 2015.

The New Deals for Cities and Communities Projects included 10 different projects, including Route 1A Travellers Rest, Route 2 Miscouche, Route 2 St. Peters, Route 1 Upton Road and various others.

The Atlantic Gateway and Border Crossing Project included; Route 1 Trans Canada Highway Re-Alignment Bonshaw and Route 1 Trans Canada Highway Re-Alignment New Haven. These projects were completed in the summer of 2014.

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 P.E.I. Road Builders and Heavy Construction Association, as contractors can plan in advance for the upcoming construction season.

### Highways and Bridges

Capital highway projects are administered by the two Regional Engineers. They review the deficiencies of the highway system and plan for the upcoming years using the Department's Five-Year Road Program, considering safety, traffic volumes, surface conditions, truck traffic and other departmental and public concerns relative to each project. The selected projects are surveyed and designed with input from environment, traffic, properties, surveys, materials lab and municipal personnel, as required. The regional staff prepare cost estimates and tenders, review tenders, award contracts, administer the contract, evaluate the work, record contract quantities, prepare payments, identify deficiencies to be corrected, and approve the final product. The highway projects include those cost-shared with Infrastructure Canada through the Build Canada Fund, New Deals for Cities and Communities funding, and the Atlantic Gateway and Border Crossings 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 2014-2015

Subdivision Name Location	SD #	Street Names	Length (km)	Grade	Gravel	Base	Seal	To be Sealed	New Pavement
QUEENS COUNTY									
Clifton Farms Subdivision, Stratford	756	Stagman Way/ Birchwoods Ln	0.47				0.47	0.00	0.47
Primrose Point Subdivision	480	Falcon Drive Eagle Drive	0.84	0.84	0.84	0.84	0.84	0.00	0.84
Autumn Street, North Rustico	846	Autumn Street	0.11	0.11	0.11	0.11	0.11	0.00	0.113

Subdivision Name Location	SD #	Street Names	Length (km)	Grade	Gravel	Base	Seal	To be Sealed	New Pavement
PRINCE COUNTY									
Johnston Subdivision, Kinkora	844	Shamrock Cr.	0.39	0.39	0.39	0.39	0.39	0.00	0.39
Provincial Totals			1.81	1.34	1.34	1.34	1.81	0.00	1.81

## SCHEDULE OF HIGHWAYS & BRIDGES TENDERS RECEIVED

### April 1, 2014 - March 31, 2015

#### Rte 10 - Augustine Cove Bridge Structure Replacement - April 3, 2014

Noye & Noye	\$253,835.00
Highfield Construction	\$261,754.00
Central Prince Contracting	\$277,210.75
Gaudette's Transit Mix	\$283,074.00
Birt & MacKay Backhoe Services Ltd.	\$307,668.57

#### Bridge Maintenance Services - April 3, 2014

MacEwen Construction	\$148,332.00
Gaudette's Transit Mix	\$154,794.00
Maritime Dredging	\$159,582.00
Noye & Noye	\$162,202.00
Cardigan Excavators	\$166,342.00
Central Prince Contracting	\$167,919.10
Kings County Construction Ltd.	\$185,842.00
M&M Resources	\$189,617.00
Island Bobcat Services	\$190,722.00
Lomer MacDonald Inc.	\$224,847.00
Jim Cahill Septic Tank Services	\$247,000.00
Highfield Construction	\$261,872.00

#### Rte 1 - Upton Road - April 8, 2014

Island Construction Ltd.	\$1,105,898.07
Island Coastal Services	\$1,114,097.89
Birt & MacKay Backhoe Services Ltd.	\$1,157,816.03
Chapman Brothers Construction	\$1,177,005.24

#### Rte 2 & 25 - Marshfield - April 8, 2014

Chapman Brothers Construction	\$519,522.50
Island Construction Ltd.	\$519,650.30
Island Coastal Services	\$533,700.69
Birt & MacKay Backhoe Services Ltd.	\$545,017.11

#### Rte 2 - Northam - April 8, 2014

Chapman Brothers Construction	\$403,261.00
Curran & Briggs Ltd.	\$407,059.00

#### Rte 6 - New London - April 8, 2014

Chapman Brothers Construction	\$618,840.40
Island Construction Ltd.	\$644,714.10
Curran & Briggs Ltd.	\$654,444.40

<u>Rte 25 - York - April 8, 2014</u>	
Chapman Brothers Construction	\$377,348.20
Island Construction	\$379,368.20
<u>Rte 225 - Springton / Hartsville - April 8, 2014</u>	
Island Construction Ltd.	\$398,003.50
Chapman Brothers Construction	\$401,083.50
Curran & Briggs Ltd.	\$456,511.50
<u>Rte 17 - Greek River Bridge Structure Replacement - April 8, 2014</u>	
Highfield Construction	\$248,491.00
Noye & Noye	\$265,956.50
Birt & MacKay Backhoe Services Ltd.	\$273,879.65
Gaudette's Transit Mix	\$290,526.50
<u>Rte 19 - Rocky Point Bridge Structure Replacement - May 1, 2014</u>	
Birt & MacKay Backhoe Services Ltd.	\$334,925.69
Noye & Noye	\$352,095.80
Central Prince Contracting	\$355,755.00
Island Coastal Services	\$357,358.48
Highfield Construction	\$383,280.00
<u>Harding Creek Road (Clinton) Bridge Structure Replacement - May 6, 2014</u>	
Highfield Construction	\$262,233.00
Gaudette's Transit Mix	\$264,859.00
Noye & Noye	\$277,084.75
Central Prince Contracting	\$287,859.00
<u>2014 Precast Concrete Arch Structure Supply - June 17, 2014</u>	
Shaw Precast	\$459,886.70
Reco	\$468,113.46
<u>Rte 1 - Tryon - June 26, 2014</u>	
Chapman Brothers Construction	\$1,756,310.60
Island Construction Ltd.	\$1,879,748.28
Island Coastal Services	\$1,911,185.97
Curran & Briggs Ltd.	\$2,011,548.60
<u>Rte 1 - Bonshaw Left Turn Lane - June 26, 2014</u>	
Island Construction Ltd.	\$511,333.60
Birt & MacKay Backhoe Services Ltd.	\$538,316.56
Island Coastal Services	\$547,029.66
Chapman Bros.	\$555,307.80
Curran & Briggs Ltd.	\$565,438.80
<u>Rte 1 - Clyde River - June 26, 2014</u>	
Island Coastal Services	\$185,553.50
Island Construction Ltd.	\$187,746.03
Birt & MacKay Backhoe Services Ltd.	\$195,756.00
<u>Rte 4 - Primrose / Bridgetown - June 26, 2014</u>	
Chapman Brothers Construction	\$462,119.90
Island Construction	\$473,202.05
<u>Rte 2 - Souris Bridge Structure Replacement - July 8, 2014</u>	
Highfield Construction	\$7,379,557.00
Dexter Construction	\$8,327,004.00

<u>Rte 120 - Wilmot Valley Road - July 22, 2014</u>	
Curran & Briggs Ltd.	\$116,136.10
Island Construction Ltd.	\$120,986.60
<u>Royalty Centre Parking Lot - July 31, 2014</u>	
Island Coastal Services	\$98,184.40
Curran & Briggs Ltd.	\$111,038.00
<u>Rte 20 - Springbrook - August 6, 2014</u>	
Curran & Briggs Ltd.	\$534,533.30
Island Coastal Services	\$547,578.12
Northern Enterprises	\$541,678.74
Chapman Brothers Construction	\$603,177.00
Birt & MacKay Backhoe Services Ltd.	\$616,177.00
<u>Confederation Trail Development - Mt. Herbert to Mt. Albion - August 19, 2014</u>	
M&M Resources	\$208,510.00
G&P Trucking	\$234,685.00
<u>Bonshaw Pedestrian Bridge - September 11, 2014</u>	
Gaudette's Transit Mix	\$194,931.00
Noye & Noye	\$296,989.00
<u>Rte 206 - Iona Bridge Structure Replacement - November 7, 2014</u>	
Noye & Noye	\$556,487.00
Kings County Construction Ltd.	\$579,164.70
Island Coastal Services	\$597,068.76
Birt & MacKay Backhoe Services Ltd.	\$613,084.99
Chapman Brothers Construction	\$647,032.00
<u>Borden Plants 2015 - December 18, 2014</u>	
Kool Breeze Farms	\$28,814.56
Jewell's Country Market	\$30,951.84
Somerset Gardens	\$31,854.48
<u>Rte 1 - Charlottetown - February 26, 2015</u>	
Island Construction Ltd.	\$608,623.80
Chapman Brothers Construction	\$645,789.80
<u>Rte 2 - Tracadie - February 26, 2015</u>	
Island Construction Ltd.	\$734,925.68
Chapman Brothers Construction	\$767,566.34
Island Coastal Services	\$771,083.16
<u>Rte 2 - Miscouche - February 26, 2015</u>	
Curran & Briggs Ltd.	\$639,347.80
Chapman Brothers Construction	\$708,827.80
<u>Rte 2 - Carleton / Woodstock - February 26, 2015</u>	
Curran & Briggs Ltd.	\$633,202.00
Chapman Brothers Construction	\$665,494.00
<u>Rte 2 - Portage - February 26, 2015</u>	
Curran & Briggs Ltd.	\$192,963.60
Chapman Brothers Construction	\$200,659.60
<u>Rte 4 - Brudenell / Montague - February 26, 2015</u>	
Island Construction Ltd.	\$325,636.10
Chapman Brothers Construction	\$343,576.60

**Rte 6 - Clinton - February 26, 2015**

Island Construction Ltd.	\$893,628.00
Curran & Briggs Ltd.	\$922,612.00
Chapman Brothers Construction	\$937,036.00

**Rte 15 & 220 - Brackley - February 26, 2015**

Island Construction Ltd.	\$463,817.06
Island Coastal Services	\$478,492.30
Birt & MacKay Backhoe Services Ltd.	\$480,138.00

**Rte 6 - Clinton Bridge Structure Replacement - March 26, 2015**

Noye & Noye	\$447,628.50
Island Coastal Services	\$708,504.34

**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 Upton Road Roundabout	0.77	0.50	0.50	0.05	0.50	0.77	0.77	0.50	0.00	0.00
Route 1 - TCH New Haven	3.02	0.00	0.00	0.00	0.00	0.00	3.02	0.00	0.00	0.00
Route 1 - TCH Bonshaw	3.14	0.00	0.00	0.00	0.00	0.00	3.14	0.00	0.00	0.00
Route 1 - Bonshaw Left Turn Lanes	0.70	0.35	0.35	0.00	0.70	0.70	0.70	0.35	0.00	0.35
Route 1 - Tryon	1.60	1.60	1.60	0.00	1.60	1.60	1.60	1.60	0.00	1.60
Route 1A - Summerside/ Traveller's Rest	1.40	0.00	0.00	0.00	0.00	1.40	1.40	0.00	0.00	0.00
Route 2 -Rosebank/ Elmsdale	2.20	0.00	0.00	0.00	0.00	2.20	2.20	0.00	0.00	0.00
Route 2 - Summerside/ Miscouche	1.50	0.00	0.00	0.00	1.50	0.00	1.50	0.00	0.00	0.00
Route 2 - Richmond/ Northam	1.42	0.00	0.00	0.00	0.00	1.42	1.42	0.00	0.00	0.00
Route 6 - Cymbria	1.60	0.00	0.00	0.00	1.60	0.00	1.60	0.00	0.00	0.00
Route 6 - New London/ Clinton	2.30	0.00	0.00	0.00	2.30	2.30	2.30	0.00	0.00	0.00
Route 19 - Fairview	0.70	0.50	0.50	0.00	0.50	0.50	0.70	0.50	0.00	0.50
Route 20 - Springbrook	0.70	0.70	0.70	0.00	0.70	0.70	0.70	0.70	0.00	0.70
Route 120 - Wilmot Valley Road	0.50	0.15	0.15	0.00	0.15	0.50	0.50	0.15	0.00	0.15
Route 235 - Springton/ Hartsville	5.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
Route 236 - Lower Malpeque Road Storm Sewer	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Timber Lane Storm Sewer North Rustico	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
West Devon Road Widening and Pipe Work	0.10	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
St. Louis Storm Sewer	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Old Town Road	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
Balaklava Road	0.50	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTALS</b>	<b>29.05</b>	<b>5.40</b>	<b>3.80</b>	<b>1.65</b>	<b>9.55</b>	<b>12.09</b>	<b>26.55</b>	<b>3.80</b>	<b>0.00</b>	<b>3.30</b>

Note: 1) Route 236 Lower Malpeque Road Storm Sewer, Timber Lane Storm Sewer North Rustico, West Devon Road Widening and Pipe Work, and St. Louis Storm Sewer, were storm sewer projects.  
2) Guardrail: Approximately 4.5 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
Confed. Trail Development (Mt. Herbert - Mt. Albion)	0.30	0.30	0.30					0.30		
Curley's Lane - Roseneath	0.32	0.32	0.32			0.32	0.32	0.32		
Route 1 TCH - Wood Islands	1.40				1.40		1.40			
Route 2 - Farmington	1.00				1.00		1.00			
Route 2 - St. Peters Bay	1.20						1.20			
Route 2 & 25 - Marshfield	0.75	0.75	0.75			0.75	0.75	0.55		0.20
Route 4 - Primrose/ Bridgetown	2.70				1.70		2.70		1.00	
Route 25 - York	2.20				1.10		2.20			
<b>Totals</b>	<b>9.87</b>	<b>1.37</b>	<b>1.37</b>	<b>0.00</b>	<b>5.20</b>	<b>1.07</b>	<b>9.57</b>	<b>1.17</b>	<b>1.00</b>	<b>0.20</b>

Note: 1) Guardrail- Approximately 1.5 km was 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
Grand Tracadie - Harbour Road	0.2									
Savage Harbour - Cottage Road	0.12									
<b>Totals</b>	<b>0.32</b>									

## **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 146,981.37 tonnes of asphaltic concrete was produced in 2014. This included binder course, surface course, levelling course and maintenance mixes. A price adjusted, end result specification was applied to hot mix compaction on specified contracts.

Daily inspection was carried out at each of the seven plants to control the quality of the mix produced. A total of 400 asphalt mix samples was collected and analysed for compliance with Department Specifications. This resulted in a testing frequency of one test for every 367.45 tonnes of asphalt mix produced. A total of 270 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:

<b>Type of Test</b>	<b>No. of Tests</b>
Sieve Analysis Aggregate	944
Sieve Analysis Extractions	435
Specific Gravity	102
Soundness	17
Abrasion	11
Crush Count	10
Sand Equivalent	16
Flat & Elongated Particles	10
Uncompacted Voids Fine Agg Aggregate	10
Micro-Deval	24

In addition, 25 Marshall and Superpave mix designs were carried out to determine aggregate proportions and optimum asphalt cement contents. Also, 33 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.

<b>Type of Test</b>	<b>No. of Tests</b>
Specific Gravity	20
Penetration	7

### **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 265 samples were processed during the year.

Type of Test	No. of Tests
Sieve Analysis	265
Moisture-Density	26
Compaction Test	1318
Specific Gravity	10

### Ice Control

Materials Lab staff provided inspection and testing services for the production of winter sand used by the Maintenance Division for ice control. The services included calibrations of sand blenders, on site monitoring and production sampling from both the blenders and from stockpiles. A total of 438 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 148 samples were obtained from eleven different projects. Gradation analysis and insitu moisture contents were determined for all samples. In addition, 17 atterberg limit tests, 19 hydrometer analysis and 25 organic indicator tests were performed.

### Concrete

Testing and inspection services were provided for the following Projects:

Greenvale Bridge Structure Replacement	Bonshaw Pedestrian Bridge Structure Replacement
Miminegash Bridge Structure Replacement	Route 2 & 25 - Marshfield
Greek River Bridge Structure Replacement	Route 1 Bonshaw Left Turning Lane
Rocky Point Bridge Structure Replacement	Central Street Montague Bridge
Iona Bridge Structure Replacement	Augustine Cove Bridge Structure Replacement
Souris Bridge Structure Replacement	Route 236 Lower Malpeque Road Storm Sewer
Route 1 Charlottetown Upton Road Roundabout	Clinton (Harding Creek Road) Bridge Structure Replacement

A total of 176 concrete test cylinders were tested for compressive strength. A total of 143 slump tests and air content tests were performed. In addition, there were four 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
Route 2, Marie Bridge (K2-013)	Carry over work (asphalt)
Route 40469, Miminegash Bridge (P1-129)	Carry over work (asphalt)
Route 2, Greenvale Bridge (Q2-061)	Carry over work (asphalt)
Route 17, Greek River Bridge (K4-037)	Structure replacement and asphalt

Bridge	Work Completed
Route 10, Augustine Cove Bridge (P4-002)	Structure replacement and asphalt
Route 50134, Clinton Bridge (Q1-078)	Design, tender, structure replacement and asphalt
Route 19, Rocky Pt Bridge (Q2-048)	Design, tender, structure replacement, and asphalt
Route 2, Souris Bridge (K1-004)	Final design, tender and structure replacement
Bonshaw Pedestrian Bridge	Geotechnical investigation, topo survey, design, tender, and structure replacement
Montague Central Street Bridge	Geotechnical investigation, topo survey, design, tender and structure replacement
Route 206, Iona Bridge (Q4-013)	Geotechnical investigation, topo survey, design, tender and structure replacement
Route 2, Rosebank Bridge (P1-072)	Geotechnical investigation, topo survey, design and structure replacement
Route 143, Howlan Road Bridge (P1-013)	Geotechnical investigation, topo survey, design and structure replacement
Route 167, Allen Road Bridge (P2-007)	Geotechnical investigation, topo survey, design and structure replacement
Route 131, Arlington Bridge (P3-039)	Geotechnical investigation, topo survey, design and structure replacement
Route 152, Huntley Bridge (P1-043)	Geotechnical investigation, topo survey, design
Route 6, Clinton Bridge (Q1-055)	Design and tender
Route 10, Searletown Bridge (P4-048)	Geotechnical investigation, topo survey
Route 248, Milton Bridge (Q2-040)	Geotechnical investigation, topo survey
Route 224, Bagnall's Pond Bridge (Q2-029)	Geotechnical investigation, topo survey
Route 1, Tryon, New Bridge Structure	Geotechnical investigation, topo survey
Route 12, Cascumpec Bridge (P1-015)	Preliminary design for future replacement

#### **PRE-CAST STRUCTURE PURCHASE**

The Department developed and issued a tender for the supply of 6.1 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 detailed highway design, drawings or alignments for approximately 25 highway projects during the fiscal year. 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"><li>• Upton Road Roundabout: Revised construction drawings</li><li>• Tryon, Phase 1, Realignment and Reconstruction: Complete design and issued for tender and revised construction drawings</li><li>• Mount Herbert Left Turn Lane: Complete design and issued for tender drawings.</li><li>• Tryon Phase 2 Realignment and Reconstruction: Preliminary planning and design</li><li>• Bonshaw, Green Road and St. Catherines Road: Complete issued for construction design and drawings</li><li>• Clyde River Right Turn Lane: Design revisions and issued for construction drawings.</li></ul>

Route Number	Area of Design Work Done
Route 2	<ul style="list-style-type: none"> <li>Marshfield, Route 2 and 25 Intersection Realignment: Construction design revisions</li> <li>Tracadie Passing Lane: Complete design and issued for tender and construction drawings.</li> </ul>
Route 4	<ul style="list-style-type: none"> <li>Murray River Realignment, Complete design and issued for tender drawings.</li> </ul>
Route 5	<ul style="list-style-type: none"> <li>Baldwin Road Rural Roundabout, Complete design and issued for tender drawings</li> </ul>
Route 6	<ul style="list-style-type: none"> <li>New London: Superelevation design and checks for cold Plane, level and seal project</li> <li>North Rustico Co-op Lane Realignment: Complete design</li> <li>Stanley Bridge Mini Roundabout: Complete design and issued for tender drawings</li> </ul>
Route 15	<ul style="list-style-type: none"> <li>Route 15 and Rt 220 Intersection Realignment and Grade Reconstruction: Complete design and issued for tender and construction drawings</li> <li>Brackley Government Depot Left Turn Lane: Preliminary planning and design</li> </ul>
Miscellaneous	<ul style="list-style-type: none"> <li>Mount Stewart: Drainage design</li> <li>Mount Albion Rails to Trails Realignment: Final design</li> <li>Kinlock Road - Home Hardware Access Realignment: Preliminary planning and design</li> <li>Savage Harbour - Cottage Road: Shoreline and bank erosion layout and sketches</li> <li>Sand Pile: Volume calculations</li> <li>Hunter River Post Office Relocation and Parking: Final layout</li> <li>Milton, Route 236, Lower Malpeque Road Sidewalk and Storm Sewer</li> <li>Post-construction excavation volumes and other quantity calculations for various 2014 construction projects</li> <li>Bonshaw Equestrian Center: New access design</li> <li>Horizontal centerline geometry, paint line layouts for various mill and overlay projects</li> </ul>

## TRAFFIC OPERATIONS MANAGEMENT SECTION

The Traffic Operations Management Section (formerly Pavement 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. One staff member retired from the Pavement Management Section during this fiscal year.

### Pavement Condition Monitoring System - PCMS

Surface distress data was collected during this 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 operates and maintains five monitoring sites across the province. These sites are located on arterial highways in Tryon, Hunter River/Springvale, Bedford, Middleton and Richmond.

- **Tryon** - This site is non-operational.
- **Hunter River** - This site is fully operational.
- **Bedford** - This site is non-operational and in need of repairs or upgrading. The station is expected to be rebuilt when the road is reconstructed. The asphalt is in poor condition in this area.
- **Middleton** - This site also is not functioning and is expected to be rebuilt when the road is reconstructed. The asphalt is in poor condition in this area.
- **Richmond** - This site is fully 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 five 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 Tryon counter site this year. Loops were repaired at Route 110, Clermont; Route 17, Sturgeon; and Route 16, East of Souris.

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 ITMS by office staff, stored and available for analysis as an intersection (or other traffic facility) design tool. The crew carried out 97 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 2013 and 2014 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 31 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 2014 shows an increase of 0.31 % over the previous year (solely based on the permanent traffic monitoring installations). It should be noted that the Tryon permanent counter site was not functioning in 2014 due to road realignment, thus the previous years AADT value has been inserted to calculate growth rates. The 5-year and 10-year annual growth rates, based on all permanent counter sites, are 2.40% and 0.36% respectively.

**2013 - 2014 Comparison Annual Average Daily Traffic Table**

<b>Annual Average Daily Traffic - AADT</b>			<b>Annual</b>
<b>Monitoring Sites</b>	<b>2013</b>	<b>2014</b>	<b>% Change</b>
Tryon (001:02)**	4,419	4,419	0.00
North River (001:07)	22,108	22,176	0.31
Hillsborough Bridge (001:11)	32,609	32,715	0.33
Cherry Valley (001:12)	7,141	7,052	-1.25
Marie (002:04)	2,597	2,548	-1.89
Pleasant Valley (002:13)	6,212	6,255	0.69
Richmond (002:17)	5,199	5,269	1.35
Cavendish (006:09)	1,889	1,875	-0.74
Milton (007:01)	1,939	1,994	2.84
O'Leary (142:03)	1,499	1,460	-2.60
Confed. Bridge	4,042	4,070	0.69
Albany (01A:01)	3,385	3,492	3.16
<b>Total</b>	<b>93,039</b>	<b>93,325</b>	
<b>Annual average provincial traffic growth for 2014 (as a % growth over 2013)</b> <b>** Tryon permanent counter was not operated due to road realignment thus previous value inserted for current year .</b>			<b>0.31</b>

## **EASTERN REGION TRAFFIC OPERATIONS**

### ***Highway Signage***

Installation and maintenance of highway signs was 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 107 new signs manufactured for new clients and 16 signs that were damaged or faded were replaced. There were 57 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 427 kilometres of arterial highway. Edge lines were painted on approximately 34 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 intersections as part of capital upgrades. Raised pavement markings were installed on Route 1 from Vernon Bridge to Wood Islands, and Route 3 from Alberry Plains to Georgetown.



### **Highway Lighting**

Maintenance of highway lighting was carried out by Hansen Electric in Queens County and by Foster Campbell Electric Ltd. in Kings County.

Area lighting in the region was improved in the region by installing LED fixtures, replacing high pressure sodium fixtures on Route 1 on Hillsborough Bridge and Riverside Drive from Grafton Street to Southgate Lane. New LED lighting was also installed at the new roundabout at Upton Road and the improved intersection at Route 2 and 25 in Marshfield.

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 striping truck. Centerline marking was applied to approximately 800 kilometres of existing highway, 27 kilometres of asphalt resurfacing and 12 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 is maintained under one maintenance contract: Albany Interchange/Borden-Carleton Scale House was maintained by Waite's Electric. Maintenance of traffic signals, flashing beacons and other lighting was carried out as required. Flashing beacons, lighted barricades and message boards were used for detours and in advance for the major highway construction projects. TIR has started changing low sodium lighting over to LED lighting which has reflected in power energy savings.

- Tryon, TCH and Route 10 - five LED lights
- Tryon, TCH - two flashing amber beacons

### **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	50	67	98
Extruded Signage	1	4	1
Public Road Names	79	61	98
Private Road Names	22	6	27
Regulation and Warning	1,164	214	82
Route Assemblies	118	58	135
Community	29	30	85
Street Signage	8	0	9
HISS	41	58	49
Construction	188	8	18
<b>Total</b>	<b>1,700</b>	<b>506</b>	<b>602</b>

**Un-invoiced Signage within Department:**

Signs sent to Charlottetown Stock	1,755
Construction Signs sent to Charlottetown Stock	401
Specialty Signs within Department	93
Public Works Door Number Tags	233
Public Works Name Plates	151
Public Works Other Signage	85
<b>Sub-total</b>	<b>2,718</b>

**Invoiced Signage:**

Other Departments	158
Public Works signs (and smaller vinyl stickers)	79
TIE Maintenance	223
Parks Canada	149
Rails To Trails	580
Rails Delineators	1,000
Municipalities	95
Construction	25
Other Companies	3
<b>Sub-total</b>	<b>2,312</b>

**Total of Signage Produced:**

Prince County	1,700
Queens County	506
Kings County	602
Un-invoiced signs	2,718
Invoiced signs	2,312
<b>Total</b>	<b>7,838</b>

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

In the fiscal year of 2014/15, 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 work continued with the *Bonshaw Hills Public Lands Committee* with numerous maps being made to support parkland planning in the Bonshaw area. Mapping and GPS data collection focused primarily on land acquisitions, potential trail routes and connectivity options.

IRI or pavement roughness data was once again collected by Materials Lab staff on 1,221 kilometres representing the primary road network. The GIS-T section was responsible to map the data to make it visibly useful and to format it in such a way that it could be used as a core data theme within the Department's new HPMA (Highway Pavement Management Application). Besides the current IRI data, older IRI datasets was also formatted and loaded in the software along with several other significant GIS databases such as historical paving locations, traffic counts, surface distress data, pavement widths, road class and municipal jurisdictions. Considerable effort was involved to format the data's location attributes so that it could be analyzed accurately by the pavement management application. Pavement width data on the primary road network was determined for the first time for use in this project.

Field mapping of guardrail locations proceeded into Queens County this year as part of an inspection and condition project. Location data and inspection data for Kings County guardrails were joined into one GIS layer and made available on the Department's internal web mapping application. Work on this project will continue in Prince County next year.

A project to develop a location based database of survey plans was initiated this year. Title, date and plan number information was recorded along with a coordinate to determine the location of over 1,200 Department survey plans. A GIS layer of this sort of information makes it more efficient to reference what survey plans have been completed in the past in a particular area.

Mapping requests from the Highway Maintenance Division included data preparation for the Department's 511 system, Confederation Trail alignment options and winter maintenance route maps for government and contracted operators.

A series of school zone maps were made for the English Language School Board following the merger of the eastern and western districts. Maps were prepared for each English language school showing roads and communities in each of their student catchment areas. Numerous maps were also created to aid in bus routing efforts.

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 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	\$35,804	---
ADS Canada Inc	---	\$318,697
Campbell's Concrete	---	\$57,846

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

<b>Pipe Diameter</b>	<b>Central Region</b>	<b>Western Region</b>	<b>Eastern Region</b>
<b><i>Corrugated Steel</i></b>	<b>(Metres)</b>	<b>(Metres)</b>	<b>(Metres)</b>
300 mm	0	0	0
400 mm	6	30	0
500 mm	12	12	0
600 mm	0	17	0
800 mm	5	0	0
900 mm	5	0	0
1200 mm	0	0	0
<b>Total</b>	<b>28</b>	<b>59</b>	<b>0</b>
<b><i>Polyethylene</i></b>	<b>(metres)</b>	<b>(metres)</b>	<b>(metres)</b>
300 mm	0	88	9
375 mm	1,565	836	544
450 mm	1,930	1,534	790
525 mm	0	0	0
600 mm	888	804	486
750 mm	216	131	37
900 mm	186	85	91
1200 mm	0	43	0
<b>Total</b>	<b>4,785</b>	<b>3,521</b>	<b>1,957</b>

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

<b>Type of Installation</b>	<b>Central Region (metres)</b>	<b>Western Region (metres)</b>	<b>Eastern Region (metres)</b>
New Installations	1,536	680	319
Replacement	2,135	2,103	1,260
Extension	308	180	67
Cross Culvert	537	519	311
Confederation Trail	353	100	0
Water Problems	63	0	0
Relocate	0	0	0
<b>Total</b>	<b>4,932</b>	<b>3,582</b>	<b>1,957</b>

Note: Figures do not include length of pipe acquired 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 2014/15 the Department sealed approximately 66,635 metres of cracks, using a total of 12,315 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 250 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 14,133.38 tonnes was used by the branch for repairing the Province's paved road network in the Eastern Region. This asphalt was financed from the Division's operating and capital maintenance budget. Hand patching crews spread 3,383.04 tonnes. Private contractors supplied/placed 7,478.54 tonnes of asphalt over 15 kilometres.

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

SUPPLIER	TONNES
Matheson & MacMillan	3,302.88
Chapman Brothers	10,830.50
<b>Total</b>	<b>14,133.38</b>

### **Resurfacing**

The following roads were re-surfaced by private contractors, Chapman Brothers and Island Construction, through supply and place contracts for a total of 15 kilometres:

**Kings Zone K-1 - Chapman Brothers**

Road Name	Kilometres
Fortune Road	0.63
Red Point (East Point Road)	1.15
Snake Road	1.01
Church Avenue (Souris)	0.35
<b>Total Kms</b>	<b>3.14</b>

**Kings Zone K-3 - Island Construction**

Road Name	Kilometres
Commercial Cross Road	0.65
Rink Street, Montague	0.13
Albion	0.54
Lower Montague	0.50
Brudenell Point Road	0.60
<b>Total Kms</b>	<b>2.42</b>

**Kings Zone K-2 - Chapman Brothers**

Road Name	Kilometres
Chapel Road	0.71
North Royalty Road	0.86
Peakes Road	0.51
Kenny Road	0.73
Strathcona Road	1.09
Cumberland Road	0.53
Upton Road	1.93
Indian Road	0.46
Fanningbrook Road	0.61
<b>Total Kms</b>	<b>7.43</b>

**Kings Zone K-4 - Island Construction**

Road Name	Kilometres
Shore Road	0.92
Livingstone Road	0.29
MacLure Street, Murray River	0.17
Centennial Drive, Murray River	0.34
Fox River Road	0.41
<b>Total Kms</b>	<b>2.13</b>

**Bush Cutting**

During the season, three government mechanical bush cutters cut bushes along the highway. Approximately 426.35 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 1,875 kilometres). These kilometers reflect multiple trips over the 280 kilometres of seasonal roads and 142.5 kilometres of year-round unpaved roads. In some cases, roads were also ditched and loaders and trucks were used to haul away unsuitable material.

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

SANDSTONE (t)	GRAVEL (t)	ROCK (t)
17,577.52	5,993	348.28

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 186 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 133,148 litres was used to treat approximately 68.35 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		0.20					
Chad Road		0.30					0.15
Cow River Road					0.05		0.70
Eglinton Road			0.03				
Fortune Road							0.20
Glen Road							1.00
Greenvale Road			0.01				
Hermanville Road							0.30
Hermitage Road	0.05		0.05				
Jarvis Road			0.09				
John Dan Chaisson Road			0.25				0.60
Johnston Road		0.25			0.13		
Little River Road			0.25				
MacPhee Road				0.50			
Manning Road					0.45		
Middle Tarantum Road							1.60
New Zealand Road					0.13		
Pensioners Road							0.55



	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Souris River Road							0.02
West Tarantum Road					0.50		
<b>Total</b>	<b>0.05</b>	<b>0.75</b>	<b>0.68</b>	<b>0.05</b>	<b>1.26</b>	<b>0.00</b>	<b>5.12</b>

#### Kings Zone K-2 Eastern Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Anderson Road		0.10					
Bennett Road		0.20					
Big Lot Road		0.20					
Brothers Road		0.50					
Brynes Road					0.60		
Cable Head West		0.50					
Canavoy Road		1.00					
Cemetery Road		0.50			0.80		
Cherry Hill Road				0.10			0.20
Church Road					0.50		0.10
Clay Road		0.60			1.00		
Curtis Road			0.30				0.10
Douglas Station Road		0.20					0.20
Fort Augustus Road							0.10
Green Meadows Road							0.10
Indian Road	0.30				0.30		
Kenovan Road			0.50				1.00
Klondike Road			0.30				0.10
Lot 40 Road			0.80				
MacEwen Road			0.40				0.20
MacLeod Road		0.10					
Marie (Rte. 002)				0.40			
Marsh Road			0.10				
Milburn Road			0.10				
Mooney Road			0.10				
Morell East Road					0.20		
Old Lakeside Road		0.40					

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Pope Road					0.10		
Sandy Cape Road			0.20				
Skunk House Road			0.10				
St. Andrews Road		0.40					
Strathcona Road					0.60		
St. Patricks Road					0.80		
Windon Road	0.10						
<b>Total</b>	<b>0.40</b>	<b>4.70</b>	<b>2.90</b>	<b>0.50</b>	<b>4.90</b>	<b>0.00</b>	<b>2.10</b>

#### Kings Zone K-3 Eastern Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Annandale Wharf Road					0.25		
Baldwins Road					0.60		
Brothers Road					0.10		
Clay Road					0.05		
Dewar Road							0.55
48 Road					0.05		
Martinvale Road							0.10
Neilson Road			0.30				
Reid Road			0.15				
Seven Mile Road					0.07		
South Montague Road					0.20		
Strathcona Road					0.23		
Weatherby Road			0.20				
Whitlock Pond Road			0.10				
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.75</b>	<b>0.00</b>	<b>1.55</b>	<b>0.00</b>	<b>0.65</b>

#### Kings Zone K-4N Eastern Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Central Street (Langley Rd)		0.20					

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Heatherdale, Route 316							5.00
Loane Road					0.30		1.00
MacDonald Road		0.25					
Mellish Pond Road			0.10				1.50
Nicholson Road		0.20					
Peardon Road				0.10			0.50
Queens Road				0.50			
Robertson Road							0.50
Roma Point		0.30					
St. Andrews Point		0.20					
Sturgeon Road, Route 17							1.00
Thornton Road							1.00
Wood Islands Road							0.50
<b>Total</b>	<b>0.00</b>	<b>1.65</b>	<b>0.10</b>	<b>0.60</b>	<b>1.30</b>	<b>0.00</b>	<b>19.00</b>

#### Kings Zone K-4S Eastern Region - Maintenance Activities

	in Kilometers						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Beach Road		0.10			0.10		
Billy MacDonald Road					0.50		
Commercial Road							6.00
County Line Road					1.00		
Dover Road							4.00
Girl Guide Camp Road		0.50					
Fox River Road				0.50			
Hopefield Road				0.30			3.00
Livingstone Road				0.40			
MacFarlane Road			0.10				
Munn's Road			0.10				
Oldis Road				0.50			
Panmure Island Road					0.30		

Road Name	in Kilometers						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Peters Road, Alliston				0.50			
Peters Road					0.20		0.50
Ross Road		0.30					
Shore Road				0.80	0.75		2.00
<b>Total</b>	<b>0.00</b>	<b>0.90</b>	<b>0.20</b>	<b>3.00</b>	<b>2.85</b>	<b>0.00</b>	<b>15.50</b>

### **EASTERN REGION: WINTER MAINTENANCE**

Winter activities in the Eastern Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep our highway system as safe as possible for the motoring public. To achieve this end, the following was used: There were 7,367 tonnes of salt purchased for salt-only and 50/50 mix for ice control. The Region also purchased 1,452 tonnes of salt to blend with its winter sand. The Region purchased 29,249.80 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 2014-2015 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 one-year contract. In addition, seven 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
426.0	457.2

#### **Snow Fence Report**

The Department installed approximately 4,564 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 third year of a seven-year contract with private contractors.

Contractor	Kms Plowed
Chapman Brothers	149.3
G & P Trucking	97.2

Contractor	Kms Plowed
Kenny MacLeod	99.7
Kings County Construction Ltd.	103.8
<b>Total</b>	<b>450.0</b>

The Department was responsible for plowing, sanding and salting 697.20 kilometres of highway. To this end, 23 plow routes and six snow blowers (#240/#251/#255/#91224 and #63224) areas currently exist. Below, is the breakdown of the kilometres for which the Department was responsible for plowing, sanding and salting:

#### Eastern Region

Location	Kms	Graders	Blowers	Loaders	Truck
South Lake	23.80	X			
Bayfield	27.70				4 x 4
St. Charles	36.10				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	35.00				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	
<b>Total</b>	<b>697.20</b>				

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

#### **CENTRAL REGION: SUMMER MAINTENANCE**

Hot mix asphalt for patching crews was available from the first week in June to the second week in October. A total of 29,483.52 tonnes was used by the branch for repairing the Province's paved road network in the Central Region. This asphalt was financed from the Division's maintenance budget. Hand patching crews spread 3,735.88 tonnes. Private contractors supplied/placed 25,747.64 tonnes of asphalt over 34.40 kms.

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

<b>SUPPLIERS</b>	<b>TONNES</b>
Curran & Briggs Ltd.	2,534.49
Chapman Bros.	3,207.11
Island Construction	18,382.58
M & M Resources	5,359.34
<b>Total</b>	<b>29,483.52</b>

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

#### **Queens Zone Q-1**

<b>Road Name</b>	<b>Kilometres</b>
Avondale Road	1.00
Garfield Road	0.75
MacAulay Wharf Road	0.55
Pownal Road	0.50
Murray Harbour Road	0.50
Village Green Road	0.50
<b>Total Kms</b>	<b>3.80</b>

#### **Queens Zone Q-2**

<b>Road Name</b>	<b>Kilometres</b>
Bunbury Road	1.00
Governors Lane	0.20
Jenkins Avenue	0.45
Keppoch Road	0.45
Rosebank Road	0.55
Richard Douglas Road	0.40
Bayside/Harbourview Drive	0.55
<b>Total Kms</b>	<b>3.60</b>

#### **Queens Zone Q-3**

<b>Road Name</b>	<b>Kilometres</b>
Crabbe Road	0.40
Bayshore Road	1.10
Blooming Point Road	0.80
MacKenzie Road	0.80
Donaldston Road	2.00
MacMillan Lane	0.50
Vickerson Road	1.20
Sleepy Hollow Road	1.50
Winsloe Road	3.00
Monaghan Road	1.00
Rte. 22, Mt. Stewart	0.55

#### **Queens Zone Q-4**

<b>Road Name</b>	<b>Kilometres</b>
Victoria (streets)	1.10
Colville Road	0.75
Allison Drive	0.20
Clyde River Road	0.70
Karen Drive	0.30
Peters Road	0.60
MacKinley Crescent	0.40
Pamwayne Drive	0.25
Park Street	0.45
Pleasant Drive	0.30
Queens Road	0.40

Road Name	Kilometres
Rte. 255, McCannell Road	0.30
Savage Harbour Road	0.35
Suffolk Road	2.10
<b>Total Kms</b>	<b>15.60</b>

Road Name	Kilometres
Rocky Point Road	0.95
<b>Total Kms</b>	<b>6.40</b>

#### Queens 5

Road Name	Kilometres
Grahams Road	1.00
Junction Road	0.50
Inkerman Road	0.80
Buntain Road	0.80
Crooked Creek Road	1.50
St. Patricks Road	0.40
	<b>5.00</b>

#### Bush Cutting

During the season, two government mechanical bush cutters cut bushes along the highway. Approximately 382.70 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)
11,620	18,487	0	8,956	1,571

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

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

#### Guardrail and Roadside Maintenance

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

#### Grass Cutting

The Department hired two private grass cutters to maintain 309.3 kilometres of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September. In addition, 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 104 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 330,891 litres was used to treat 96 kilometres of road.

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

**Queens 1- Central Region - Maintenance Activities**

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
48 Road							1.20
Avondale Road							3.00
Big Point Road					0.40	0.10	0.40
Camp Buchan					1.10	0.10	0.30
County Line Road					2.20	0.20	2.20
Culloden Road				0.20	0.20		
Dan Compton Road				0.10			
East Uigg Road							1.00
Gairlock Road							3.00
Gillis Road					0.30		0.60
Greys Road				2.20			
MacAulay's Wharf Road			0.30		0.30		
MacPhail Park Road							0.30
McGuirk Road							2.00
Murray Harbour Road							4.00
New Cove Road							0.60
Point Prim							0.40
Stewart Point							0.60
Trans Canada Highway	1.00			1.20			4.00
Village Green				0.40			
<b>Total</b>	<b>1.00</b>	<b>0.00</b>	<b>0.30</b>	<b>4.10</b>	<b>4.50</b>	<b>0.40</b>	<b>23.60</b>



**Queens 2- Central Region - Maintenance Activities**

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Aptos Drive							0.05
Bethel Road				2.00	0.25		
Bunbury Road							0.10
Duffy Road			0.20				
Fort Augustus Road				0.50			0.75
Gay Road				0.50			0.20
Glen Stewart Drive				0.20			
Keppoch Road				0.25			
Kinlock Road				0.10			
Marion Drive				0.15	0.10		
MacLennan Road					0.20		
Mt. Herbert Road				0.20			
Power Road			0.20				
Pownal Road					0.75		0.20
Robinson Road							0.10
Tallie Road			0.15		0.25		0.20
Upper Teahill Crescent							0.15
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.55</b>	<b>3.90</b>	<b>1.55</b>	<b>0.00</b>	<b>1.75</b>

**Queens 3 - Central Region - Maintenance Activities**

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Afton Road							3.00
Bedford Road							12.00
Black River Road							4.00
Blooming Point Road							7.00
Bob Laird Road				0.20			
Brackley Point Road						0.50	18.00
Corrigan Road							3.00
Covehead Road							10.00
Creek Road							3.00
Donaldston Road							5.00

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Dougan Road	0.20						
Dromore Road							2.00
East Suffolk						1.00	3.50
Ebenezer Road							7.00
Fort Augustus Road				0.40	0.20		10.00
Frenchfort Road						3.00	5.00
French Village			0.50				4.00
Fristen Road							3.50
Guerney Road		1.00	0.60	1.00	1.00		1.00
Hardy Mill Road							2.00
Highbridge Road							5.30
Horne Cross Road							6.00
Joey's Road							2.00
Kilkenny							3.00
MacDonald Road			0.20				2.00
MacGilivary Road							8.00
MacIntyre Shore Road							1.10
MacMillan Point Road							3.00
Malpeque Road				0.30			1.00
McInnis Road							2.00
Millcove Road					2.20		
Monaghan Road							6.00
Mt. Stewart Road							5.00
Normandy Lane	0.10	0.20		0.20	0.20		1.00
Old Bedford Road							0.50
Parker Cross Road			0.60	2.50	2.50		2.50
Pisquid Road							4.00
Pleasant Grove Road							6.00
Pt. DesRoches Road							4.00
Queens Point Road							3.00

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Royalty Junction Road							1.00
Rustico Road							10.00
St. Peters Road							16.00
Simmons Lane Road							3.50
Sleepy Hollow Road							2.00
Tracadie Harbour							2.00
Union Road							7.00
Winsloe Road							14.00
<b>Total</b>	<b>0.30</b>	<b>1.20</b>	<b>1.90</b>	<b>4.60</b>	<b>6.10</b>	<b>4.50</b>	<b>219.40</b>

**Queens 4 Central Region - Maintenance Activities**

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Balakalava Road	0.30		1.00		1.00		
Baltic Road			0.30				
Black Creek Road			0.10		0.10		
Blockhouse Road			0.30				
Bonshaw Road							0.10
Callaghan Road			0.20				
Canoe Cove Road							3.00
Clyde River Road				0.70			
Colville Road							10.00
Cottage Road			0.10				0.10
Cumberland, Route 19			0.10				3.00
Cumberland Line Road	0.30		0.30				
Elliot River Road		1.00					
Ferguson Road	0.10				0.10		
Jewell Road					0.30		
Johnston Road			0.30				
Kingston Road							5.00
Linwood Road			0.20				

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
MacDonald Road			0.10				
McKenna Road			0.10				
Meadow Bank Road							4.00
Mill Road Wiltshire			0.10				
New Argyle Road				0.60			
Old Tryon Road	1.30						7.00
Osborne Road							0.10
Rice Point Road							4.00
Riverdale Road							4.00
Route 19, Rocky Point							8.00
Ross Road			0.20				
Route 13							15.00
St. Catherines Road							4.00
Shore Road							7.00
Todd Road			0.20				
Upper Meadowbank Road							3.00
Wharf Road			0.10				
Wharf Road, York Point			0.20				
Wynn Road							3.00
<b>Total</b>	<b>2.00</b>	<b>1.00</b>	<b>3.90</b>	<b>1.30</b>	<b>1.50</b>	<b>0.00</b>	<b>80.30</b>

**Queens 5 Central Region - Maintenance Activities**

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Alton MacLean Road			0.40	0.90	0.90	0.20	
Art Ford Cross Road	0.15		0.30				
Bagnall Road				0.80			
Brander Pond			0.20				
Breadalbane Road			0.80		0.30		
Broadway Road		0.50					
Buffalo Road		0.30					
Bumble Bee Road		0.10	0.50				
Buntain Road		0.40	0.80	0.30			

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Campbells Pond			0.40				
Cape Road, Park Corner			0.30				3.00
Cavendish Road				0.50			10.00
Center Road				0.20	0.20		
Church Road					0.10		
Clyde Road		0.20		0.30			
Cobb Road			0.30				
Cousins Shore		0.10	0.40		0.20		
Dump Road, Cymbria							
Eddy Murphy Road		0.10					
English Church							4.00
Grahams Road				0.20	0.20		6.00
Grady Road			0.50				
Harding Creek Road	0.10		0.30	0.40	0.20		
Hazelgrove Road							3.00
Howatt Road				0.40			
Irishtown Road				2.00			5.00
Junction Road				0.30			2.50
Johnstone Road			0.50		0.40		
Kerrytown Road				1.50			
Little Bungay					0.10		
Long River East			0.40				
Marks Road							3.50
MacGregor Road	0.15						
Millman Road							2.00
Milvale Road							7
Mt. Tom Road				0.10			
New Glasgow Road							10.00
New London Road							5.50
New Orleans							4.00
New Road			0.50				
North Road	0.10		0.20				
Pine Grove Road			0.30				2.00
Prinetown Road W				0.50			

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Rattenbury Road				1.00			
Route 6, Clinton				1.70			5.00
Route 6, Stanley Bridge							5.00
Route 20							10.00
Route 13							9.00
Route 20, Seaview				2.40			
Rustico Road							11.00
Simpson Mill Road				1.30			
Smith Road			0.90	1.00			
Snowie Road			0.20				
Toronto Road		0.15	1.50		1.50		4.50
Trout River Road				2.00			7.00
Tuner Road			1.00		1.00		
Warburton							5.00
Wharf Road, Long River	0.20						
Woodside Road	0.20						
<b>Total</b>	<b>0.90</b>	<b>1.85</b>	<b>10.70</b>	<b>17.80</b>	<b>5.10</b>	<b>0.20</b>	<b>124.00</b>

## CENTRAL REGION: WINTER MAINTENANCE

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

There were 22,140.88 tonnes of salt purchased for salt-only and 50/50 mix for ice control. The region purchased 1,143.89 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. 28,847.39 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. Eight tandem and four 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 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 their one-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 23 kilometres of main streets in the City. The City of Charlottetown purchased 8,596.69 tonnes of salt and 127.72 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	426.0
Elmwood	508.0
Long Creek	500.0
New Glasgow	500.0
Charlottetown	520.0

### Snow Fence Report

The Department installed approximately 12,130 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 third year of a seven-year contract with private contractors.

Contractor	Kilometres Plowed
Island Coastal East	153.98
Birt & MacKay Ltd.	94.29
M & M Resources	88.80
Island Construction	132.18
Maritime Construction	117.20
Matheson Construction	101.21
Matheson & MacMillan	88.77
Westisle Construction	145.66
<b>Total</b>	<b>922.09</b>

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:

### Central Region

Location	Kilometres	Graders	Blowers	Loaders	Trucks
TCH West, Charlottetown to Crapaud	32.1				2
St. Peters Road, Charlottetown to Canavoy	31.3				1
TCH East Charlottetown - Eldon	35.4				1
TCH Eldon - Wood Islands & ½ of Selkirk Rd	43.6				1
By-Pass Charlottetown	10.0				1
Charlottetown Route 2 - Summerfield	37.3				2
Route 225 & Colville Road	35.4				1

Location	Kilometres	Graders	Blowers	Loaders	Trucks
Route 235 & 13	32.5				1
Rustico Road, Cavendish Road	29.5				1
Cornwall Subdivision	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 and section of Rennies Road	29.8				1
Rustico	18.1			1	
Cornwall, York Point	17.2			1	
Rice Point & Rocky Point	34.3				1
Meadowbank, Ferry, York Point and section of Upton Road	30.9				1
Stratford Road & Bunbury	52.3	1		1	
Murray Harbour, Kinross Road & section of 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
Garage parking lots				1	
Government building lots			1	2	
York Point Road to Pleasant Grove & section of Lower Malpeque Road, Sleepy Hollow Road	18.9				1
Brackley Point, Portage & section of Union Road	24.4				1
Bedford Road, Eastern, Black River & section of York Road	27.3				1
By-Pass, Off Ramps, Hospital Entrance	6.1				1
Central Region (used where needed)			4		
Spares		2		1	2
<b>TOTALS</b>	<b>750.0</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>28</b>

#### WESTERN REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from the June to October. A total of 19,864 tonnes was used by the branch for repairing the Province's paved road network in the Western Region. This asphalt was financed from the Division's operating and capital maintenance budget. Hand patching crews spread 3,941 tonnes. Private contractors supplied/placed 15,923 tonnes of asphalt over 22.52 kilometres. The following is the tonnage of asphalt acquired from each firm:



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

SUPPLIER	TONNES
Curran & Briggs Ltd.	10,874.00
Chapman Brothers Construction	8,990.00
<b>Total</b>	<b>19,864.00</b>

### Resurfacing

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 22.52 kilometres.

#### Prince Zone P-1

Road Name	Kilometres
Tryon Cross Road	0.60
Paynters Lane	0.14
Muttart Lane	0.14
Branch Rd Tryon	0.83
Sandy Hill Road	0.57
Victoria Road	0.94
<b>Total Kms</b>	<b>3.22</b>

#### Prince Zone P-2

Road Name	Kilometres
Plug Street	0.38
Mills Pt Road	1.04
Taylor Road, Malpeque	0.52
Shipyard Road	0.73
Cannontown Road	0.56
Hackmatack Road	1.04
Wilfred Street, Miscouche	0.51
Fifteen Point Extension	0.19
St Gilbert Road	0.80
<b>Total Kms</b>	<b>5.77</b>

#### Prince Zone P-3

Road Name	Kilometres
Rte 12 Bideford	0.68
Rte 133 Ellerslie	1.00
Rte 166 Bideford Road	0.51
Northam Road Birchill	0.54
Rte 131 Arlington	0.40
Rte 12 Birchill	0.23
Rte 174, Murray Road	0.51
Rte 143, Howlan Road	1.00
Rte 168, Canadian Road	1.21
Rte 170, Brae Harbour Road	0.53
North Street, O'Leary	0.40
Haliburton Road	0.48
<b>Total Kms</b>	<b>7.49</b>

#### Prince Zone P-4

Road Name	Kilometres
Fraser Avenue, Northport	0.10
O'Rourke Road	0.5
Gard Road	0.52
Centerline Road, Roseville	0.98
Centerline Road, Alma	0.90
Mill / Chaisson Road	0.77
Deblois Road	0.43
Gaudet Road	0.68
Rte 12 Anglo	0.55
Griffin Road	0.59
<b>Total Kms</b>	<b>6.02</b>

### Bush Cutting

During the season, three government mechanical bush cutters cut bushes along the highway. Approximately 614.50 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, seven graders in the county carried out grading services on the unpaved road network. This would include 298 kilometres of seasonal roads and 221 kilometres of year-round unpaved roads. In some cases, roads were also ditched and loaders and trucks were used to haul away unsuitable material.

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

Sandstone	Gravel	Gabion Rock	Other	Millings
14,227	29,612	351	0	3,501

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

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

### Guardrail and Roadside Maintenance

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

### Grass Cutting

The Department contracted five private grass cutters to maintain 838.8 kilometres of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September. 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 680 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 137,109 litres was used to treat 64.20 kilometres of road.

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

### Prince Zone P- 1 Western Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Baker Shore Road		0.18		0.20			
Barrett Street, Kensington					0.15		
Bedeque Rink Road	0.10	0.15		0.20			

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Blue Shank Road				1.50			
Boodle Road			0.10				
Bradford Road		0.10	0.15				
Campbell Point Road			0.30				
Corbett Road		0.12					
County Line Road, Margate		0.10					
Cutcliff Road		0.26					
Everett Reeves Road			0.10				
Foy Road			0.20				
Greenan Road	0.10						
Kelly Road	0.10		0.30				
Kelvin Grove Road				1.20			
Lords Pond Road		0.10					
Lower Tryon Road		0.25		0.10			
MacCallums Point Road			0.20	1.00			
MacDonald Road		0.12					
Middleton Road		0.25					
Mill Road Freetown				1.00			
Murray Road			0.20				
Mount Tryon Road				1.20			
Newton Road	0.20			2.00			
North Freetown Road		0.10					
Route 1A, Bedeque				1.10			
Route 1A, Middleton				0.90			
Route 8, Freetown				2.00			
Route 10, Searletown				2.00			
Route 225 Kinkora & Shamrock				1.50			
Salutation Cove Road		0.10					
Train Station Road		0.16		0.20			
Vernon Muttart Road		0.10			0.10		
Wilmont Valley Road	0.20			1.50	0.10		
<b>Total</b>	<b>0.70</b>	<b>2.09</b>	<b>1.55</b>	<b>17.60</b>	<b>0.35</b>	<b>0.00</b>	<b>0.00</b>

**Prince Zone P- 2 Western Region - Maintenance Activities**

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Barlow Road							0.70
Baseline Road		1.50					
Belmont Park Road						0.22	
Cannontown Road							0.70
Dump Road							0.50
Ferry Road					0.30		
Goodwin Road					0.31		
Halderman River Road		0.12					
Irishtown Road					0.20		
John Paul Road		0.20					
MacIsaac Road					0.31		
MacLean Road		0.21					3.00
Marie Road		0.35					
Old Princetown Road							1.30
Old St. John Road							1.00
Oyster Cove Road							0.30
Route 2 New Annan					0.16		
Route 2 Kensington					0.11		
Route 11 Linkletter							0.20
Route 11 Mt Carmel					0.30	0.30	
Route 11 St. Nicholas					0.20		
Route 20 County Line Road					0.20		
Route 20 Darnely					0.50		
Route 20 Indian River					0.21		
Route 124 Wellington					0.20		
Sudbury Cove Road							0.50
Thompson Shore Road		0.80					
Union Corner Road		0.40		1.82			
<b>Total</b>	<b>0.00</b>	<b>3.58</b>	<b>0.00</b>	<b>1.82</b>	<b>3.00</b>	<b>0.52</b>	<b>8.20</b>

**Prince Zone P- 3 Western Region - Maintenance Activities**

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Bannerman Road		0.70					
Ballum Road		0.50					
Barlow Road		0.16					
Beaton Road		0.10	1.18				
Bideford Road					0.20		
Brae Harbour Road			1.10				
Camp Tamawaby		0.70	0.70				
Canada Road					0.15		
Cedar Dunes Park Road					0.16		
Church Road					0.05		
Cunnigham Road			0.25				
Dystant Road					0.10		
Grand Dig		0.45					
Haliburton Road		0.61					
Harts Gravel Road		0.34					
Kennedy Road			0.39				
MacLellan Road			0.70	0.7			
Mill Road	0.20	0.20	0.20				
Northam Road				0.54			
Port Hill Station Road		0.24					
Route 12				0.68	0.12		
Route 12 Birch Hill				0.23			
Route 131 Arlington				0.40			
Route 133 Ellerslie		0.15		1			
Route 143 Howlan Road				1.00			
Route 166				0.51			
Route 168 Canadian Road		0.25		1.24			
Route 174 Murray Road				0.51			
Tory Road	0.15	0.70					
Stephens Road			0.88				

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Willie Birch Road		0.90					
<b>Total</b>	<b>0.35</b>	<b>6.00</b>	<b>5.40</b>	<b>6.81</b>	<b>0.78</b>	<b>0.00</b>	<b>0.00</b>

**Prince Zone P- 4 Western Region - Maintenance Activities**

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Ascension Road	0.15						
Ashley Murphy Road				0.90			
Botts Road	0.12	0.15					
Butcher Road				1.00			
Center Line Road				0.80			
Christopher Road		0.80					
Division Line Road				0.90			
Doyle Road		0.38					
Foulton Road		0.08	0.07				
Gaudet Road		1.34			1.34		
Hackenry Road			0.57				
Harper Road					0.08		
Huntley Road						0.70	0.70
Jerry Road				0.80			
Leavittes Lane		0.19					
Metheral Road	0.11						
Murray Road				1.00			
Old Tom Road		0.12					
Provost Road		0.15					
Reserve Road		0.13					
Sou West Road	0.15	0.14					
Trainor Road		0.19					
<b>Total</b>	<b>0.53</b>	<b>3.67</b>	<b>0.64</b>	<b>5.40</b>	<b>2.14</b>	<b>0.70</b>	<b>0.70</b>

## **WESTERN REGION: WINTER MAINTENANCE**

Winter activities in the Western Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep our highway system as safe as possible for the motoring public. To achieve this end, the following was used: 9,671.62 tonnes of salt were purchased for salt-only and 50/50 mix for ice control, 2,016 tonnes to blend with its winter sand. The 37,143 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 1,152.27 kilometres of secondary roads were maintained with blended winter sand/salt operations. Sanding operations were carried out by three sanding contractors using department installed hoppers and spreaders, nine snow contractors and 4 government sand trucks. Winter sanding contractors completed their one- year contract.

### **Snowfall Records**

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

<b>Location</b>	<b>Recorded (cm)</b>
Summerside	480.0
Tignish	453.1
Tyne Valley	453.1

### **Snow Removal Contracted Services**

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

<b>Contractor</b>	<b>Kms Plowed</b>
101364 PEI Inc.	98.30
AJL Ltd.	88.71
Clearview Construction	163.43
Curran & Briggs Ltd.	198.46
Duffy Construction	154.36
Matthew's Lime Spreading	87.34
Northern Enterprises Ltd.	88.51
Island Coastal West	173.61
Tri-Mix	99.52
<b>TOTAL</b>	<b>1152.24</b>

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:

**Western Region**

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	
Wellington / Route 11	26.73					1
Summerside West	32.38					1
Summerside, Route 2 East	22.11					1
Freetown/Blue Shank	26.91	1				
O'Leary	25.02					1
St Louis	25.84	1				
Summerside /Alma spares		4	0	6	1	2
<b>Total</b>	<b>456.41</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>2</b>	<b>11</b>

**CONFEDERATION TRAIL MAINTENANCE**

Maintenance Crews performed work on the approximately 432 kilometres of the Confederation Trail.

Activity	Total
Vegetation Control	432.5 kilometres
Culvert Replacements	255 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 \$16,393,100. The budget appropriation was distributed as follows:

<b>Activity</b>	<b>Total</b>
Charlottetown Garage Direct	\$ 4,343,100
Charlottetown Garage Indirect	\$ 1,056,000
Bridgetown Garage Direct	\$ 2,121,100
Bridgetown Garage Indirect	\$ 326,600
Summerside Garage Direct	\$ 3,218,200
Summerside Garage Indirect	\$ 133,100
Western Region Operators	\$ 1,572,400
Central Region Operators	\$ 2,311,300
Eastern Region Operators	\$ 1,311,300
<b>Total</b>	<b>\$ 16,393,100</b>

### ***Equipment***

#### ***Government's Corporate Fleet***

Transportation and Infrastructure Renewal maintains overall responsibility for the management of Provincial Government's Corporate 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.

During the 2014/15 year, a total of \$799,195.73 in Capital budget allocations was invested to upgrade the Provincial Government corporate fleet. The Corporate Fleet includes vehicles categorized as passenger cars, vans and trucks of approximately 1.5 ton or less.

#### **Light Fleet Purchases**

<b>Quantity</b>	<b>Equipment Purchased</b>
4	Half ton 4x4 Ext Cab
1	Passenger Van (15)
8	Half Ton 4x4 Reg Cab
1	Half Ton 4x2 Reg Cab
2	One Ton 4x4
5	Compact Car
1	Passenger Mini Van
1	Cargo Van
2	One Ton Dump 4x2
1	One Ton Dump 4x4

Quantity	Equipment Purchased
1	Secure Transport Car
1	Secure Transport Van
28	Total Vehicles Purchased

#### *Heavy Fleet*

The sum of \$2,098,732 Capital was invested in heavy fleet equipment upgrades, which includes all commercial vehicles exceeding 4 ton and other heavy equipment such as loaders, tractors, bush cutters and attachments associated with the operation.

#### **Heavy Fleet Purchases**

Quantity	Equipment Purchased
2	Rotary Grass Cutter
5	Tandem Trucks
1	Tractor
7	Asphalt Rollers
2	Loaders
2	Loader Mount Blowers
2	Lawn Tractors
7	Brine Tanks
1	Float Trailer
3	Snow Plow Accessories Tandem Truck
1	Fuel Dispensing System
1	Self-Propelled Snow Blower
34	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 Mechanical Branch heavy fleet continue to be over-aged and identifies the problem areas.

#### **2014/15 Fleet Age Indicators**

Unit	Quantity	In Years			Percentage Half Age
		Optimum Life	Target Average Age	Actual Average Age	
Corporate Fleet	371	6	3	5.7	71%
Single Axle	10	10	5	11.3	100%
Tandem	44	10	5	7.7	64%
4 x 4	16	20	10	27	100%
Grader	23	20	10	25	96%

Unit	Quantity	In Years			Percentage Half Age
		Optimum Life	Target Average Age	Actual Average Age	
Loader	24	20	10	19.7	63%
Self Propelled Blower	10	25	12	31.4	100%
Loader Mount Blower	8	20	10	6.25	12.5%
Tractor	22	20	10	11.3	45%
Grade-all	2	20	10	21.5	100%
Spreader	2	20	10	22.5	100%
Rollers	25	20	10	6.6	16%
Sand Hopper	22	20	10	16.5	82%
Trailer	63	20	10	13	54%
Crack Filling	1	10	5	5	100%
Skid Steer	1	10	5	3	0%
Self Propelled Lawn Tractors	12	5	2.5	7.5	92%
Shouldering Machine	2	20	10	5	0%

#### ***Replacement Program:***

Each year department staff conduct a review of the 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 has not been able to keep up with demands of an aging fleet.

#### ***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 review of the report utility used to draw information from the Fleet Management System was completed with improvements to information consistency and accessibility for users. Work is continuing on the review of existing data and processes. 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 the resulting increased costs of parts. The winter of 2014/15 posed significant challenges both operationally and financially for the Mechanical Branch.

During the 2014/15 year the Province identified surplus parts and equipment that were no longer required to meet operational demands. Surplus parts and equipment were disposed of at public auction.

#### ***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

## **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:

- Aviation Standing Committee
- Policy and Planning Support Committee (PPSC)
- National Highway System Review Task Force
- National Vision for Transportation in Canada Task Force
- Northern, Rural and Remote Task Force
- Transportation and the Economy Task Force
- Sustainable Transportation Task Force
- Intercity Bus Service Task Force
- Atlantic Canada Airports Association
- Board of Examiners, Land Surveyors Association (Chair)
- Atlantic Provinces Transportation Committee
- Atlantic Intelligent Transportation Systems Committee
- North Atlantic Transportation Planning Officials
- 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 nation-wide. On PEI, Routes 1, 1A, 2, and 3 comprise the NHS.

### ***Atlantic Canada Transportation Strategy***

At the direction of Atlantic Ministers of Transportation, a task force was formed in the fall of 2005 to develop an Atlantic Canada transportation strategy. The Planning section represents the province on this task force. The strategy document, entitled "*Charting the Course: Atlantic Canada Transportation Strategy 2008-2018*" was released by Atlantic Ministers responsible for transportation in January 2008. The strategy identifies 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 issues identified in the Strategy is measured each year, and an annual progress developed.

### ***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 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 identifies 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.

### ***National Vision for Transportation in Canada***

Section staff represent the Department and Province in the ongoing development of a national vision for transportation, covering the next 20 years. The development of this document is being led by the National Council of Ministers Responsible for Transportation and Highway Safety. It will identify challenges and trends facing transportation nationwide, and will make a case for and guide transportation infrastructure investment going forward.

## **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, six infrastructure programs were in operation:

- Gas Tax Extension and Permanent program (GT) ;
- Building Canada Fund - Communities Component (BCF-CC);
- Building Canada Fund -Major Infrastructure Component (BCF-MIC);
- 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 provides 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, 2015 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>
	<b>Total \$78.0 million</b>

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 \$78,000,000 from Canada as part of the allocation from the permanent agreement. The Province will receive permanent gas tax allocations from the Federal Government in the following allotments:

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

#### **Direct Allocations (DA) to the 26 Water and/or Sewer municipalities**

In order for the 26 water and/or sewer municipalities to receive the bi-annual funding installments, they needed to supply Capital Investment Plan(s) (CIP) to the Secretariat for review. In 2014/15 the Infrastructure Secretariat received CIPs totaling \$4,367,309, of which municipalities directed \$2,587,922 of their Direct Allocation funds. The Direct Allocations to the municipalities released in 2014/15 was \$7.95 million. National Allocation (NA) to 47 municipalities with out water and/or sewer.

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. These municipalities did not access funds in 2014/15. Their 2014/15 allotment of \$499,500 will roll over into FY15/16.

#### **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. All the projects are carried out by the provincial Department of Transportation and Infrastructure Renewal (TIR) within municipal boundaries. 2014/15 projects include: Route1 - Upton Road Roundabout, Charlottetown; Route 1 - TCH Woods Island, Belfast; Route1A - Travellers Rest, Summerside; Route 19 - Fairview, Afton; Route 236 - Lower Malpeque Road Storm Sewer, Charlottetown; Route 2 - Miscouche to Slemon Park, Summerside/Miscouche; Timberlane Phase 2, North Rustico; Route 2 - St. Peters, St. Peters Bay; Route 25 - York Road, York; 2014/15 Provincial Road Resurfacing, multiple municipalities.

#### **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 \$10.622 million has been set aside. This amount includes a provincial allocation for administration funds.

In 2014/15 the Project Review Committee under the MSC approved one project. The City of Charlottetown - Spring Park Storm Separation project received \$1.144 million towards Phase Three and Four of the project.

**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	Short Sea Shipping Infrastructure
Infrastructure	Regional and Local Airports
Brownfield Remediation	Recreational Infrastructure
Culture Infrastructure	Core National Highway System
Collaborative Projects	

As of March 31, 2013, there were 64 approved projects valued at \$71.5 million, including the Top-Up project. In the FY 2013/14, projects made claims totaling \$1,014,834, as shown in Table 1 – Building Canada Communities Component Actual Spent FY2014/15.

**Table 1 – Building Canada Communities Component Actual Spent FY2014-2015**

<b>Building Canada - Communities Component</b>			
<b>Applicant</b>	<b>Project Name</b>	<b>Total Cost</b>	<b>FY2013-14</b>
Alberton	Main Street Sewer Line Replacement	\$ 52,581	\$ 1,510
Charlottetown	Miltonvale Municipal Well Drilling and Access Road	\$ 696,174	\$ 260,434
Charlottetown	Miltonvale Wellfield Piping and Control Building	\$ 1,303,826	\$ 519,099
Crapaud	Wastewater Treatment Facility Upgrades	\$ 1,562,704	\$ 4,054
North Rustico	Riverside Drive Watermain Extension	\$ 132,720	\$ 38,540
O'Leary	Kent Street Sewer Main Replacement	\$ 121,698	\$ 4,050
Stratford	Rosebank Heights Sewer & Water Extension	\$ 450,000	\$ 178,132
Stratford	Victoria View to Langley Water Connection	\$ 137,833	\$ 3,912
Tignish	Main-Sunset-Maple Sewer Main Replacements	\$ 182,669	\$ 5,101
<b>9 Projects</b>	<b>Total</b>	<b>\$ 4,640,205</b>	<b>\$1,014,834</b>

**Building Canada Fund – Major Infrastructure Component (BCF-MIC)**

The BCF-MIC program received \$13.25 million from the Federal Government. This amount was to be matched by the Provincial Government but due to cost of the Convention Center the amount committed by the Province for this program was \$20.2 million. At the end of FY 2014/15 the Convention Center made claims of \$2.5 million. The Summerside Wind Farm was completed and paid out in 2009/10. The table below shows the funding arrangement of the program.

**Table 2 – Major Infrastructure Component Program Shares**

<b>Building Canada Fund - Major Infrastructure Component (BCF-MIC)</b>			
<b>Applicant</b>	<b>Project Name</b>	<b>Total Cost</b>	<b>Provincial Share FY2014/15</b>
Charlottetown Area Development Corporation (CADC)	Queen Street Convention Centre	\$ 24,500,000	\$ 2,500,000
<b>Total</b>		<b>\$ 24,500,000</b>	<b>\$ 2,500,000</b>

**City of Charlottetown - Spring Park Storm Water Sewer Separation**

The City of Charlottetown for a number of years 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 million 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 2014/15 the Province paid out \$1,761,753.

**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 is to run for an additional year 2015/16.

The \$1.8 million Provincial Infrastructure Fund is intended to provide for the investment in municipal capital infrastructure projects. The Province recognizes 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 FY2014/15 21 projects were funded total cost of \$3.1 million of which \$1.8 million came from the PIF program. The Fund was paid out \$1.8 million in FY2014/15.



**Department of Transportation & Infrastructure Renewal**  
**Statement of Ordinary Expenditures**  
**2014-2015 FY**

	Actuals	Budget Estimates 14/15
<b>CORPORATE SERVICES DIVISION</b>		
<b>Executive Office</b>		
Administration	23,212	25,800
Materials, Supplies & Services	1,012	500
Salaries	333,878	332,100
Travel & Training	25,143	14,000
	<b>383,245</b>	<b>372,400</b>
<b>Corporate Services Administration</b>		
Administration	18,092	31,600
Equipment	1,241	500
Materials, Supplies & Services	5,772	18,700
Professional & Contract Services	-	900
Salaries	189,447	226,100
Travel & Training	3,366	2,000
Grants	896,374	875,000
	<b>1,114,292</b>	<b>1,154,800</b>
<b>Planning</b>		
Administration	4,425	7,200
Equipment	932	-
Professional & Contract Services	1,450	-
Salaries	61,150	168,000
Travel & Training	14,494	9,800
	<b>82,451</b>	<b>185,000</b>
<b>TOTAL CORPORATE SERVICES DIVISION</b>	<b>1,579,988</b>	<b>1,712,200</b>

**Infrastructure**

Administration	60,468	59,300
Equipment	496	2,000
Materials, Supplies & Services	2,916	13,500
Professional & Contract Services	32,837	53,500
Salaries	390,536	331,600
Travel & Training	4,908	11,600
Grants	14,012,368	15,800,000

14,504,529	16,271,500
------------	------------

**TOTAL INFRASTRUCTURE**

<b>14,504,529</b>	<b>16,271,500</b>
-------------------	-------------------

**HIGHWAY SAFETY DIVISION****Highway Safety Administration**

Administration	56,774	109,100
Equipment	10,915	900
Materials, Supplies & Services	33,846	8,500
Professional & Contract Services	36,824	118,700
Salaries	160,112	157,900
Travel & Training	24,532	55,000

323,003	450,100
---------	---------

**Promotion Highway Safety**

Administration	467	2,000
Equipment	-	900
Materials, Supplies & Services	198,991	22,000
Professional & Contract Services	-	1,000
Salaries	616,828	719,300
Travel & Training	-	5,200

816,286	750,400
---------	---------

**Registration & Licensing**

Administration	261	900
Equipment	5,782	4,000
Materials, Supplies & Services	242,861	211,400
Salaries	777,915	816,400
Travel & Training	-	700

1,026,819	1,033,400
-----------	-----------

#### Highway Scales

Equipment	1,790	12,900
Materials, Supplies & Services	3,449	24,200
Salaries	622,173	638,800
Travel & Training	1,177	1,000
	628,589	676,900

#### TOTAL HIGHWAY SAFETY DIVISION

2,794,697	2,910,800
-----------	-----------

#### Land & Environment

##### Environmental Management

Administration	7,340	8,600
Equipment	-	1,500
Materials, Supplies & Services	13,577	1,900
Professional & Contract Services	-	41,300
Salaries	471,343	615,000
Travel & Training	75,464	54,500
	567,724	722,800

##### Properties

Administration	93,902	130,200
Debt	1,963	-
Equipment	-	3,000
Materials, Supplies & Services	28,537	153,400
Professional & Contract Services	32,417	115,500
Salaries	713,132	874,600
Travel & Training	18,917	32,000
	888,868	1,308,700

##### Surveys

Administration	7,517	7,300
Equipment	8,989	29,900
Materials, Supplies & Services	5,552	5,500
Professional & Contract Services	1,697	15,500
Salaries	599,035	518,300
Travel & Training	832	11,500

	623,622	588,000
<b>TOTAL LAND &amp; ENVIRONMENT</b>	<b>2,080,214</b>	<b>2,619,500</b>

#### **HIGHWAY MAINTENANCE DIVISION**

##### **Maintenance Administration - Director's Office**

Administration	36,225	10,300
Equipment	106,692	-
Materials, Supplies & Services	9,164	1,000
Professional & Contract Services	12,245	73,000
Salaries	255,754	257,800
Travel & Training	19,147	11,900
Grants	80,040	80,600
	<b>519,267</b>	<b>434,600</b>

##### **Inventory Control**

Administration	6,238	4,000
Equipment	587	-
Materials, Supplies & Services	381,189	362,800
Salaries	498,423	463,300
Travel & Training	6,514	6,000
	<b>892,951</b>	<b>836,100</b>

##### **Prov Maintenance Road Program**

Administration	12,598	-
Equipment	6,035	-
Materials, Supplies & Services	1,622,616	848,300
Professional & Contract Services	5,164	413,000
Travel & Training	3,443	-
	<b>1,649,856</b>	<b>1,261,300</b>

##### **Maintenance Administration - Western Region**

Administration	38,296	42,000
Equipment	5,267	600
Materials, Supplies & Services	4,243	2,100
Professional & Contract Services		-

Salaries	446,223	467,200
Travel & Training	955	2,500
	<b>494,984</b>	<b>514,400</b>

#### **Maintenance Administration - Eastern Region**

Administration	35,279	52,200
Equipment	1,403	400
Materials, Supplies & Services	1,969	700
Salaries	521,181	448,800
Travel & Training	2,102	3,200
	<b>561,934</b>	<b>505,300</b>

#### **Maintenance Administration - Central Region**

Administration	53,751	65,200
Equipment	871	-
Materials, Supplies & Services	3,997	600
Professional & Contract Services	65	-
Salaries	562,847	525,400
Travel & Training	1,000	800
	<b>622,531</b>	<b>592,000</b>

#### **Summer Maintenance - Western Region**

Equipment	6,392	6,500
Materials, Supplies & Services	1,386,795	1,294,800
Professional & Contract Services	-	154,500
Salaries	1,856,313	2,119,700
Travel & Training	40,145	63,400
	<b>3,289,645</b>	<b>3,638,900</b>

#### **Summer Maintenance - Eastern Region**

Administration	876	-
Equipment	933	-
Materials, Supplies & Services	1,214,355	986,000
Professional & Contract Services	77	188,000
Salaries	1,794,394	1,887,100
Travel & Training	36,454	40,100
	<b>3,047,089</b>	<b>3,101,200</b>

**Summer Maintenance - Central Region**

Administration	10	-
Debt	2,399	-
Equipment	1,196	-
Materials, Supplies & Services	2,503,815	1,425,900
Professional & Contract Services	14,903	243,000
Salaries	2,408,860	2,506,100
Travel & Training	99,140	75,000

<b>5,030,323</b>	<b>4,250,000</b>
------------------	------------------

**Rails to Trails Maintenance**

Administration	2,203	8,900
Equipment	4,008	-
Materials, Supplies & Services	342,098	312,900
Professional & Contract Services	-	64,000
Salaries	943,913	907,900
Travel & Training	54,653	23,000

<b>1,346,875</b>	<b>1,316,700</b>
------------------	------------------

**Winter Maintenance - Western Region**

Materials, Supplies & Services	5,851,647	1,278,400
Professional & Contract Services	-	3,047,300
Salaries	319,390	335,100
Travel & Training	1,810	-

<b>6,172,847</b>	<b>4,660,800</b>
------------------	------------------

**Winter Maintenance - Eastern Region**

Administration	1,000	-
Equipment	7,118	-
Materials, Supplies & Services	3,292,431	1,030,800
Professional & Contract Services	-	1,463,800
Salaries	272,329	380,900
Travel & Training	5,518	4,000

<b>3,578,396</b>	<b>2,879,500</b>
------------------	------------------

**Winter Maintenance - Central Region**

Administration	37	-
Materials, Supplies & Services	8,604,280	1,392,000
Professional & Contract Services	50	2,534,000
Salaries	365,233	483,300
Travel & Training	246	-
	<b>8,969,846</b>	<b>4,409,300</b>

**Mechanical - Charlottetown Garage - Direct**

Administration	25,060	26,900
Debt	3,514	-
Equipment	9,814	3,500
Materials, Supplies & Services	2,420,113	1,763,300
Professional & Contract Services	241	4,100
Salaries	2,171,272	2,312,000
Travel & Training	161,336	132,900
	<b>4,791,350</b>	<b>4,242,700</b>

**Mechanical - Charlottetown Garage - Indirect**

Administration	62,888	69,700
Equipment	17,849	12,400
Materials, Supplies & Services	395,767	314,000
Professional & Contract Services	37,559	38,400
Salaries	529,192	692,400
Travel & Training	15,482	4,100
	<b>1,058,737</b>	<b>1,131,000</b>

**Mechanical - Summerside Garage - Direct**

Administration	22,866	14,400
Debt	2,559	-
Equipment	5,510	5,500
Materials, Supplies & Services	2,161,057	1,129,400
Professional & Contract Services	1,481	8,000
Salaries	1,768,409	1,855,800
Travel & Training	117,237	71,200
	<b>4,079,119</b>	<b>3,084,300</b>

**Mechanical - Summerside Garage - Indirect**

Administration	15,960	24,800
Equipment	15,560	18,700
Materials, Supplies & Services	10,316	15,000
Professional & Contract Services	32,894	-
Salaries	20,377	79,200
Travel & Training	1,056	5,400
	<b>96,163</b>	<b>143,100</b>

**Mechanical - Bridgetown Garage - Indirect**

Administration	28,008	27,100
Equipment	-	2,100
Materials, Supplies & Services	73,825	56,200
Professional & Contract Services	458	12,900
Salaries	184,733	223,000
Travel & Training	1,857	5,300
	<b>288,881</b>	<b>326,600</b>

**Mechanical - Bridgetown Garage - Direct**

Administration	26	-
Equipment	20,120	7,000
Materials, Supplies & Services	1,262,005	760,700
Professional & Contract Services	170	3,200
Salaries	1,075,276	1,022,600
Travel & Training	186,514	130,900
	<b>2,544,111</b>	<b>1,924,400</b>

**Mechanical - Operators - Western Region**

Administration	31	1,500
Equipment	100	-
Materials, Supplies, & Services	11,898	14,000
Professional & Contract Services	450	-
Salaries	1,531,740	1,538,200
Travel & Training	16,946	18,700
	<b>1,561,165</b>	<b>1,572,400</b>

**Mechanical - Operators - Eastern Region**

Administration	576	200
----------------	-----	-----



Materials, Supplies & Services	22,925	28,000
Professional & Contract Services	813	-
Salaries	1,254,061	1,351,300
Travel & Training	32,447	21,800

<b>1,310,822</b>	<b>1,401,300</b>
------------------	------------------

#### **Mechanical - Operators - Central Region**

Administration	220	3,800
Equipment	500	-
Materials, Supplies & Services	26,797	50,300
Professional & Contract Services	660	-
Salaries	2,163,737	2,461,300
Travel & Training	37,154	45,900

<b>2,229,068</b>	<b>2,561,300</b>
------------------	------------------

#### **TOTAL HIGHWAY MAINTENANCE DIVISION**

<b>54,135,960</b>	<b>44,787,200</b>
-------------------	-------------------

#### **PUBLIC WORKS & PLANNING**

##### **Public Works Operations - Administration**

Administration	25,247	100,900
Equipment	21,957	7,500
Materials, Supplies & Services	25,157	147,500
Professional & Contract Services	1,050	10,000
Salaries	661,407	819,500
Travel & Training	24,589	36,000

<b>759,407</b>	<b>1,121,400</b>
----------------	------------------

##### **District Heating Plant**

Materials, Supplies & Services	1,749,420	-
		2,115,400

<b>1,749,420</b>	<b>2,115,400</b>
------------------	------------------

##### **Audio Visual - Technicians**

Administration	1,551	1,100
Materials, Supplies & Services	1,609	11,300
Salaries	114,586	114,100
Travel & Training	-	5,000

<b>117,746</b>	<b>131,500</b>
----------------	----------------

**Building Maintenance Direct - Mona Wilson Bldg.**

Administration	10,856	10,800
Materials, Supplies & Services	32,098	29,200
Professional & Contract Services	60	15,000
	<b>43,014</b>	<b>55,000</b>

**Building Maintenance Direct - Shaw, Sullivan & Jones Bldgs.**

Administration	478,666	474,400
Equipment	16,852	6,000
Materials, Supplies & Services	1,329,506	1,037,500
Professional & Contract Services	443,570	482,300
Salaries	1,090,991	1,072,200
Travel & Training	2,904	3,000
	<b>3,362,489</b>	<b>3,075,400</b>

**Building Maintenance Direct - Province House**

Administration	21,544	21,300
Materials, Supplies & Services	50,026	104,400
Professional & Contract Services	-	7,000
Salaries	39,595	44,900
	<b>111,165</b>	<b>177,600</b>

**Building Maintenance Direct - Province House Annex**

Administration	7,917	8,300
Materials, Supplies & Services	43,171	22,400
Professional & Contract Services	69	15,500
	<b>51,157</b>	<b>46,200</b>

**Building Maintenance Direct - Government House**

Administration	21,648	22,000
Equipment	628	2,000
Materials, Supplies & Services	109,410	91,400
Professional & Contract Services	-	8,000
Salaries	318,199	359,200

Travel & Training	1,757	1,500
	<b>451,642</b>	<b>484,100</b>

**Building Maintenance Direct - Customs House**

Administration	8,959	9,300
Materials, Supplies & Services	90,898	27,700
Professional & Contract Services	560	18,000
	<b>100,417</b>	<b>55,000</b>

**Building Maintenance Direct - Coles Bldg.**

Administration	40,878	41,900
Materials, Supplies & Services	67,874	48,900
Professional & Contract Services	4,300	12,000
Salaries	59,806	66,000
	<b>172,858</b>	<b>168,800</b>

**Building Maintenance Direct - Prince County Jail & Courthouse**

Administration	19,408	20,000
Materials, Supplies & Services	105,960	68,800
Professional & Contract Services	1,370	25,000
Salaries	43,812	46,300
	<b>170,550</b>	<b>160,100</b>

**Building Maintenance Direct - Summerside Youth Centre**

Administration	83,980	82,000
Materials, Supplies & Services	202,642	152,400
Professional & Contract Services	70	22,000
	<b>286,692</b>	<b>256,400</b>

**Building Maintenance Direct - Provincial Correctional Centre**

Administration	37,767	35,000
Materials, Supplies & Services	452,089	373,400
Professional & Contract Services	489	20,000
	<b>490,345</b>	<b>428,400</b>

**Building Maintenance Direct - Montague Office Complex**

Administration	-	7,300
Materials, Supplies & Services	92,035	51,700
Professional & Contract Services	200	30,000
	<b>92,235</b>	<b>89,000</b>

**Building Maintenance Direct - Southern Kings/Queens RSC**

Administration	5,013	5,200
Materials, Supplies & Services	78,357	45,200
Professional & Contract Services	-	34,000
	<b>83,370</b>	<b>84,400</b>

**Building Maintenance Direct - West Prince RSC**

Administration	7,375	8,000
Materials, Supplies & Services	66,998	28,900
Professional & Contract Services	-	30,000
	<b>74,373</b>	<b>66,900</b>

**Building Maintenance Direct - Prince Edward Home**

Materials, Supplies & Services	119,615	55,800
	<b>119,615</b>	<b>55,800</b>

**Building Maintenance Direct - Access PEI S'side**

Administration	46,941	50,000
Equipment	1,400	-
Materials, Supplies & Services	211,885	213,000
Professional & Contract Services	1,267	60,000
	<b>261,493</b>	<b>323,000</b>

**Building Maintenance Direct - Highway Testing Lab**

Materials, Supplies & Services	40,855	35,700
Professional & Contract Services	-	11,000
Salaries	19,260	32,500
	<b>60,115</b>	<b>79,200</b>

**Building Maintenance Direct - Brighton Road Office Complex**

Administration	543	700
Materials, Supplies & Services	23,674	28,500
Professional & Contract Services	178	12,000
Salaries	11,784	27,000
	<b>36,179</b>	<b>68,200</b>

**Building Maintenance Direct - Holland College Royalty Operations**

Administration	141,971	145,000
Materials, Supplies & Services	361,611	219,700
Professional & Contract Services	-	100,000
	<b>503,582</b>	<b>464,700</b>

**Building Maintenance Direct - S'side Garage - Slemon Park**

Administration	21,099	25,300
Materials, Supplies & Services	196,803	171,700
Professional & Contract Services	-	42,000
	<b>217,902</b>	<b>239,000</b>

**Building Maintenance Direct - TIR Beach Grove Rd Warehouse**

Materials, Supplies & Services	781	3,300
	<b>781</b>	<b>3,300</b>

**Building Maintenance Direct - TIR Surplus Warehouse**

Administration	56	-
Materials, Supplies & Services	21,810	11,000
Professional & Contract Services	-	2,500
	<b>21,866</b>	<b>13,500</b>

**Building Maintenance Direct - Kings County Courthouse**

Administration	4,041	3,600
Materials, Supplies & Services	33,252	17,900
Professional & Contract Services	-	8,000

<b>37,293</b>	<b>29,500</b>
---------------	---------------

**Building Maintenance Direct - Scale Houses**

Administration	4,727	4,500
Materials, Supplies & Services	118,108	77,000
Professional & Contract Services	-	20,000
Salaries	4,784	5,100

<b>127,619</b>	<b>106,600</b>
----------------	----------------

**Building Maintenance Direct - Environment Warehouse**

Materials, Supplies & Services	14,894	11,000
Professional & Contract Services	-	9,000

<b>14,894</b>	<b>20,000</b>
---------------	---------------

**Building Maintenance Direct - Acadian Museum**

Administration	2,899	2,300
Materials, Supplies & Services	16,838	7,500
Professional & Contract Services	-	8,500

<b>19,737</b>	<b>18,300</b>
---------------	---------------

**Building Maintenance Direct - Basin Head Museum**

Administration	848	1,000
Materials, Supplies & Services	13,186	16,500
Professional & Contract Services	-	1,000

<b>14,034</b>	<b>18,500</b>
---------------	---------------

**Building Maintenance Direct - Orwell Historic Village**

Administration	24	-
Materials, Supplies & Services	7,372	10,000
Professional & Contract Services	-	2,000

<b>7,396</b>	<b>12,000</b>
--------------	---------------

**Building Maintenance Direct - Yeo House**

Materials, Supplies & Services	19,217	10,000
--------------------------------	--------	--------

Professional & Contract Services	67	1,500
	<b>19,284</b>	<b>11,500</b>

**Building Maintenance Direct - MacPhail Homestead**

Administration	18	-
Materials, Supplies & Services	21,416	15,500
Professional & Contract Services	300	1,000
	<b>21,734</b>	<b>16,500</b>

**Building Maintenance Direct - Belmont St Food Bank**

Administration	-	3,500
Materials, Supplies & Services	16,197	28,000
Professional & Contract Services	-	2,000
	<b>16,197</b>	<b>33,500</b>

**Building Maintenance Direct - Montague Food Bank**

Materials, Supplies & Services	9,884	18,000
Professional & Contract Services	-	5,000
	<b>9,884</b>	<b>23,000</b>

**Building Maintenance Direct - Tyne Valley Youth Centre**

Administration	2,641	2,700
Materials, Supplies & Services	63,205	42,100
Professional & Contract Services	-	10,000
	<b>65,846</b>	<b>54,800</b>

**Building Maintenance Direct - Lea Crane Building**

Administration	6,334	6,400
Materials, Supplies & Services	37,551	32,000
Professional & Contract Services	-	10,000
Salaries	18,456	21,100
	<b>62,341</b>	<b>69,500</b>

**Building Maintenance Direct - Potato Services Bldg - Kensington**

Administration	4,016	4,100
Materials, Supplies & Services	45,434	27,500
Professional & Contract Services	-	12,000

<b>49,450</b>	<b>43,600</b>
---------------	---------------

#### **Building Maintenance Direct - Tignish Sign Shop**

Administration	2,364	2,400
Materials, Supplies & Services	39,038	24,000
Professional & Contract Services	-	7,500

<b>41,402</b>	<b>33,900</b>
---------------	---------------

#### **Building Maintenance Direct - Tignish Body Shop**

Administration	6,856	4,000
Materials, Supplies & Services	60,348	36,600
Professional & Contract Services	130	5,000

<b>67,334</b>	<b>45,600</b>
---------------	---------------

#### **Building Maintenance Direct - Alma Field Office**

Materials, Supplies & Services	28,794	-
--------------------------------	--------	---

<b>28,794</b>	<b>-</b>
---------------	----------

#### **Tyne Valley Medical Centre**

Materials, Supplies & Services	36,686	16,000
Professional & Contract Services	-	15,000

<b>36,686</b>	<b>31,000</b>
---------------	---------------

#### **Building Maintenance Direct - Hunter River Office - Dr. Ellis**

Materials, Supplies & Services	2,724	12,500
--------------------------------	-------	--------

<b>2,724</b>	<b>12,500</b>
--------------	---------------

#### **Building Maintenance Direct - Brudenell Park**

Administration	112,292	112,300
Materials, Supplies & Services	10,493	-
Professional & Contract Services	-	9,000



	<b>122,785</b>	<b>121,300</b>
--	----------------	----------------

**Building Maintenance Direct - St. Eleanor's House**

Materials, Supplies & Services	4,290	5,000
	<b>4,290</b>	<b>5,000</b>

**Building Maintenance Direct - Rollo Bay School**

Materials, Supplies & Services	42,769	24,000
Professional & Contract Services	-	2,500
	<b>42,769</b>	<b>26,500</b>

**Building Maintenance Direct - Forestry Office - Queens**

Administration	9,742	9,000
Materials, Supplies & Services	17,631	-
Professional & Contract Services	-	3,500
	<b>27,373</b>	<b>12,500</b>

**Building Maintenance Direct - Forestry Office - Prince**

Materials, Supplies & Services	14,673	14,400
Professional & Contract Services	-	7,000
Salaries	4,807	5,100
	<b>19,480</b>	<b>26,500</b>

**Building Maintenance Direct - Forestry Office - Kings**

Materials, Supplies & Services	29,856	15,500
Professional & Contract Services	-	15,000
	<b>29,856</b>	<b>30,500</b>

**Building Maintenance Direct - VIC Cavendish**

Administration	-	1,000
Materials, Supplies & Services	34,650	29,900
Professional & Contract Services	-	8,500
Salaries	15,594	23,600

	<b>38,501</b>	<b>63,000</b>
--	---------------	---------------

**Building Maintenance Direct - VIC Mt. Pleasant**

Materials, Supplies & Services	9,101	9,000
Professional & Contract Services	- 246	2,400
Salaries	7,094	10,000
	<b>15,949</b>	<b>21,400</b>

**Building Maintenance Direct - Vet Clinic - O'Leary**

Materials, Supplies & Services	36,426	-
Professional & Contract Services	-	1,000
	<b>36,426</b>	<b>1,000</b>

**Building Maintenance Direct - Highway Depot - Bridgetown**

Materials, Supplies & Services	-	5,000
Professional & Contract Services	-	1,500
	<b>-</b>	<b>6,500</b>

**Building Maintenance Direct - Access PEI - Alberton**

Administration	2,154	2,200
Materials, Supplies & Services	36,589	15,000
Professional & Contract Services	- 21	10,000
Salaries	4,573	-
	<b>43,295</b>	<b>27,200</b>

**Building Maintenance Direct - Analytical Lab - Upton Road**

Administration	9,292	7,300
Materials, Supplies & Services	259,849	144,500
Professional & Contract Services	2,645	30,000
	<b>271,786</b>	<b>181,800</b>

**Building Maintenance Direct - Kensington Post Office**

Administration	- 43,524	-
Materials, Supplies & Services	56,649	20,000
Travel & Training	49	-

<b>13,174</b>	<b>20,000</b>
---------------	---------------

**Building Accommodations - Small Lease**

Administration	1,388,538	1,191,500
Equipment	6,181	-
Materials, Supplies & Services	57,319	14,000
Professional & Contract Services	5,062	-

<b>1,457,100</b>	<b>1,205,500</b>
------------------	------------------

**Building Accommodations - Evangeline RSC**

Administration	58,470	66,100
Materials, Supplies & Services	3,312	5,600

<b>61,782</b>	<b>71,700</b>
---------------	---------------

**Building Accommodations - Johnny Ross Young RSC**

Administration	238,822	245,300
Materials, Supplies & Services	2,713	5,200
Professional & Contract Services	-	1,800

<b>241,535</b>	<b>252,300</b>
----------------	----------------

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

Administration	739,750	752,400
Materials, Supplies & Services	8,759	-
Professional & Contract Services	260	-

<b>748,769</b>	<b>752,400</b>
----------------	----------------

**Building Accommodations - Health Agency Younger, Roche Bldg.**

Administration	598,646	592,700
Materials, Supplies & Services	63	400

<b>598,709</b>	<b>593,100</b>
----------------	----------------

**Building Accommodations - Prov Library Morell**

Administration	197,892	195,100
Materials, Supplies & Services	320	-
	<b>198,212</b>	<b>195,100</b>

**Building Accommodations - St. Paul's Rectory**

Administration	28,503	25,000
Materials, Supplies & Services	50,720	11,200
Professional & Contract Services	68	13,000
	<b>79,291</b>	<b>49,200</b>

**Building Accommodations - E. Blanchard (Gordon Drive)**

Administration	104,887	135,000
Materials, Supplies & Services	16,485	6,800
Professional & Contract Services	240	15,000
	<b>121,612</b>	<b>156,800</b>

**Building Accommodations - Concorde Building**

Administration	212,374	155,100
	<b>212,374</b>	<b>155,100</b>

**Building Accommodations - Davies Law Courts**

Administration	451,767	755,700
Materials, Supplies & Services	252,681	142,600
Professional & Contract Services	229,261	271,000
	<b>933,709</b>	<b>1,169,300</b>

**Building Accommodations - Highway Safety Office**

Administration	193,309	195,500
Materials, Supplies & Services	3,958	5,000
	<b>197,267</b>	<b>200,500</b>

**Building Accommodations - Stonehouse VIC**

Administration	1,276	-
----------------	-------	---

1,276	-
-------	---

#### **Building Accommodations - Fisheries Warehouse**

Administration	42,195	46,200
Materials, Supplies & Services	21,862	21,600
Professional & Contract Services	-	4,000
	<b>64,057</b>	<b>71,800</b>

#### **Building Accommodations - Kelly Bldg - Courthouse**

Administration	166,565	370,000
Materials, Supplies & Services	8,588	17,600
	<b>175,153</b>	<b>387,600</b>

#### **Building Accommodations - Breckan Yates Building**

Administration	148,791	151,000
Professional & Contract Services	60	-
	<b>148,851</b>	<b>151,000</b>

#### **Building Accommodations - SRDC 109 Water Street**

Administration	170,000	180,000
Materials, Supplies & Services	4,935	-
	<b>174,935</b>	<b>180,000</b>

#### **Building Accommodations - Confederation Centre & Libraries**

Administration	178,000	178,000
	<b>178,000</b>	<b>178,000</b>

#### **Building Accommodations - Gateway Village VIC**

Administration	88,180	70,000
Professional & Contract Services	3,333	-
	<b>91,513</b>	<b>70,000</b>

#### **Building Accommodations - Confederation Court Lease - EMO**

Administration	33,133	36,000
	<b>33,133</b>	<b>36,000</b>

**Building Accommodations - Donald Bondy Bldg.**

Administration	326,414	336,400
Materials, Supplies & Services	27,576	-
Professional & Contract Services	-	30,000
	<b>353,990</b>	<b>366,400</b>

**Building Accommodations - Hunter River Health Centre**

Administration	82,542	88,300
	<b>82,542</b>	<b>88,300</b>

**Building Accommodations - Summerside Medical Centre**

Administration	223,060	212,200
	<b>223,060</b>	<b>212,200</b>

**Building Accommodations - Polyclinic**

Adminsitration	239,686	248,200
	<b>239,686</b>	<b>248,200</b>

**Building Accommodations - Pharmtech-Friendly Pharmacy**

Administration	153,279	189,600
	<b>153,279</b>	<b>189,600</b>

**Building Accommodations - Dept. of Fisheries-Montague**

Administration	262,493	270,500
Materials, Supplies & Services	3,883	2,000
Professional & Contract Services	291	-
	<b>266,667</b>	<b>272,500</b>

**Building Accommodations - Dept. of Education - Summerside**

Administration	821,645	810,200
Materials, Supplies & Services	38,116	10,000
Professional & Contract Services	347	37,000
	<b>860,108</b>	<b>857,200</b>

**Building Accommodations - VIC - Charlottetown Airport**

Administration	19,513	15,700
Materials, Supplies & Services	3,487	7,300
	<b>23,000</b>	<b>23,000</b>

**Building Accommodations - VIC - Wood Islands**

Administration	36,966	37,000
Materials, Supplies & Services	3,357	1,800
Salaries	17,806	15,200
	<b>58,129</b>	<b>54,000</b>

**Building Accommodations - Harbour Quay - Summerside**

Administration	9,421	10,800
Materials, Supplies & Services	2,713	4,400
Professional & Contract Services	-	2,000
	<b>12,134</b>	<b>17,200</b>

**Building Accommodations - Morrison Building**

Administration	760	1,500
Materials, Supplies & Services	9,465	6,800
Professional & Contract Services	177	2,000
	<b>10,402</b>	<b>10,300</b>

**Building Accommodations - Kensington Laundry**

Administration	95,992	60,900
Materials, Supplies & Services	19,590	22,000
	<b>115,582</b>	<b>82,900</b>

**Building Accommodations - Fire Arms Office - Charlottetown**

Administration	17,565	17,600
Materials, Supplies & Services	6,316	3,000
Professional & Contract Services	-	4,200

<b>23,881</b>	<b>24,800</b>
---------------	---------------

**Director's Office**

Administration	122,328	12,000
Equipment	206	-
Materials, Supplies & Services	387,998	5,100
Professional & Contract Services	171,397	224,000
Salaries	158,093	249,800
Travel & Training	3,585	12,900

<b>843,607</b>	<b>503,800</b>
----------------	----------------

**Building Construction**

Administration	1,548	200
Materials, Supplies & Services	-	1,400
Salaries	325,464	331,300
Travel & Training	2,887	23,200

<b>329,899</b>	<b>356,100</b>
----------------	----------------

**Building Design**

Administration	4,821	-
Equipment	574	-
Materials, Supplies & Services	454	-
Salaries	208,980	340,600
Travel & Training	25,967	9,900

<b>240,796</b>	<b>350,500</b>
----------------	----------------

**TOTAL PUBLIC WORKS & PLANNING**

<b>20,200,786</b>	<b>20,418,200</b>
-------------------	-------------------

**CAPITAL PROJECTS DIVISION****TRAFFIC OPERATIONS****Traffic Operations Management**



Administration	3,801	6,100
Equipment	448	1,000
Materials, Supplies & Services	5,975	13,600
Professional & Contract Services	1,553	3,000
Salaries	273,782	308,800
Travel & Training	27,396	17,300
	<b>312,955</b>	<b>349,800</b>

#### **Traffic Operations - Western Region**

Administration	3,951	4,400
Equipment	-	1,300
Materials, Supplies & Services	233,682	241,500
Professional & Contract Services	826	2,200
Salaries	512,334	460,200
Travel & Training	23,996	8,700
	<b>774,789</b>	<b>718,300</b>

#### **Traffic Operations - Central Region**

Administration	11,972	14,400
Debt	4,366	-
Equipment	1,900	5,000
Materials, Supplies & Services	1,046,968	752,000
Professional & Contract Services	425	41,100
Salaries	886,408	998,900
Travel & Training	21,934	23,000
	<b>1,973,973</b>	<b>1,834,400</b>

#### **Sign Shop**

Administration	6,283	5,700
Debt	996	-
Equipment	1,509	-
Materials, Supplies & Services	156,652	124,300
Professional & Contract Services	-	5,100
Salaries	221,163	184,800
Travel & Training	1,103	1,000
	<b>387,706</b>	<b>320,900</b>

**Chief Engineer's Office**

Administration	55,515	24,900
Equipment	11,963	800
Materials, Supplies & Services	7,277	500
Professional & Contract Services	12,061	60,100
Salaries	263,127	239,300
Travel & Training	13,847	9,800
	<b>363,790</b>	<b>335,400</b>

**Eastern Region**

Administration	12,704	21,300
Equipment	264	10,400
Materials, Supplies & Services	7,082	18,900
Professional & Contract Services	350	2,000
Salaries	759,735	913,100
Travel & Training	24,061	22,100
	<b>804,196</b>	<b>987,800</b>

**Western Region**

Administration	51,807	35,200
Equipment	2,617	16,700
Materials, Supplies & Services	14,675	25,300
Professional & Contract Services	5,549	3,500
Salaries	882,885	920,300
Travel & Training	31,044	40,800
	<b>988,577</b>	<b>1,041,800</b>

**Engineering Services Operations**

Administration	2,256	1,000
Equipment	-	900
Materials, Supplies & Services	20	600
Salaries	221,480	224,000
Travel & Training	10,196	6,400
	<b>233,952</b>	<b>232,900</b>

**Highway Enhancement**

Salaries	244,421	146,800
----------	---------	---------

	<b>244,421</b>	<b>146,800</b>
<b>Bridge Maintenance Operations</b>		
Administration	3,680	5,200
Materials, Supplies & Services	3,432,913	850,700
Professional & Contract Services	791,085	615,500
Salaries	625,006	464,400
Travel & Training	35,404	9,600
	<b>4,888,088</b>	<b>1,945,400</b>
<b>Highway Design</b>		
Administration	9,191	9,000
Equipment	-	500
Materials, Supplies & Services	13,374	5,500
Professional & Contract Services	25,043	4,800
Salaries	452,074	558,700
Travel & Training	24,242	10,300
	<b>473,838</b>	<b>588,800</b>
<b>Materials Testing Lab</b>		
Administration	43,101	13,900
Equipment	24,167	30,700
Materials, Supplies & Services	15,970	9,700
Professional & Contract Services	1,909	5,000
Salaries	641,554	1,316,700
Travel & Training	29,336	23,400
	<b>756,037</b>	<b>1,399,400</b>
<b>TOTAL CAPITAL PROJECTS DIVISION</b>	<b>12,202,322</b>	<b>9,901,700</b>
<b>TOTAL DEPARTMENT OF TRANSPORTATION &amp; INFRASTRUCTURE RENEWAL</b>	<b>107,498,496</b>	<b>98,621,100</b>

CAPITAL EXPENDITURES T/C  
Year Ending March 2015

BRIDGES C/A

Eastern Region

Marie Bridge Replacement	82,589	
Greek River Bridge	287,077	
Central Street Montague Replacement	560,509	
Fortune Bridge Rehabilitation Repairs	138,371	
Iona Bridge Replacement	618,854	
Total Eastern Region		1,687,400

Central Region

Bonshaw Public Lands	197,061	
Greenvale Bridge Replacement carryover	310,876	
Sleepy Hollow Road Structure Replacement	82,666	
Rocky Point Bridge	289,088	
Indian Bridge Road Structure Rehabilitation	95,497	
Total Central Region		975,188

Western Region

Miminegash Bridge Replacement carryover	73,115	
Augustine Cove Bridge Replacement	297,111	
Clinton Bridge Replacement	309,736	
Miminegash Structure Rehabilitation	260,078	
Rosebank - Storm Damage 2014	1,209,336	
Huntley Rte 152 - Storm Damage 2014	568,704	
Allen Road - Storm Damage 2014	1,166,368	
Arlington - Storm Damage 2014	585,231	
Howlan Road - Storm Damage 2014	330,356	
Centerline Road Bridge - Storm Damage 2014	76,233	
Total Western Region		4,876,267

TOTAL BRIDGES C/A		7,538,855
-------------------	--	-----------

# HIGHWAY RECONSTRUCTION

## Eastern Region

Rte 2 Farmington	337,610
Rte 4 Primrose/Bridgetown	580,153
Curleys Lane - Roseneath/Georgetown	284,846
Brudenell Point Road Drainage Swale carryover	24,862
Confederation Trail Development Mt. Herbert/Mt. Albion	90,466

Total Eastern Region	1,317,937
----------------------	-----------

## Central Region

Rte 25 Stanhope Pathway carryover	72,593
Rte 225 Springton/Hartsville	503,890
Rte 6 Cymbria 2014	344,632

Total Central Region	921,115
----------------------	---------

## Western Region

Rte 120 Wilmot Valley Road	194,305
Rte 20 Springbrook	753,745
Rte 6 New London/Clinton	762,498
Rte 2 Rosebank/Elmsdale	874,597

Total Western Region	2,585,144
----------------------	-----------

## Other

Highway Pavement Management System Upgrade	99,800
Guardrail - Western Region	481,613
Guardrail - Eastern Region	153,960
Land Purchases - Eastern Region	958,651
Land Purchases - Western Region	1,236,676

Total Other	2,930,699
-------------	-----------

TOTAL HIGHWAY RECONSTRUCTION	7,754,895
------------------------------	-----------

# PROVINCIAL PAVING

## Eastern Region

Asphalt Supply & Place	591,022	
Class B Gravel	22,382	
Total Eastern Region		613,404

## Central Region

Asphalt Supply & Place	1,195,559	
Asphalt Supply & Place Recap	299,027	
Asphalt Supply & Place	465,189	
Shouldering Operations	84,906	
Gravel Various Roads	76,355	
Asphalt Supply & Place Curran & Briggs	297,871	
Total Central Region		2,418,908

## Western Region

Asphalt Supply & Place	795,369	
Shouldering Operations	97,055	
Gravel Various Roads	22,387	
Class B Gravel	22,556	
Asphalt Supply & Place Recap	593,686	
Total Western Region		1,531,052

## Other

Gas Tax 2014	1,795,544	
DFAA Post Tropical Storm Surge	16,343	
Total Other		1,811,887

TOTAL PROVINCIAL PAVING		6,375,252
-------------------------	--	-----------

# COST SHARED PROJECTS

## Gas Tax Projects

Rte 19 Fairview 2014	304,736
Rte 236 Lower Malpeque Road Storm Sewer	169,039
Rte 1A Summerside/Traveller's Rest	492,838
Rte 2 Miscouche/Summerside 2014	468,945
Rte 1 Charlottetown/Upton Road Roundabout	1,277,910
Timberlane/North Rustico Storm Sewer 2014	118,710
Rte 2 Richmond/Norththam 2014	451,614
Rte 2 St. Peter's Bay	312,313
Rte 1 Wood Islands	575,838
Rte 25 York	483,201
Total Gas Tax Projects	4,655,144

## Build Canada Fund

Rte 1 New Haven TCH Realignment carryover	872,747
Rte 1 Bonshaw TCH Realignment carryover	1,116,063
Bonshaw Bridge carryover	25,883
Souris Bridge Replacement	2,967,477
Rte 1 Tryon	1,868,037
Rte 1 Bonshaw Left Turning Lane	881,098
Rte 2 & 25 Marshfield	873,720
Total Build Canada Fund	8,605,024

TOTAL COST SHARED PROJECTS 13,260,168

## OTHER

Highway Equipment	2,593,017
TOTAL OTHER	2,593,017

TOTAL HIGHWAY CAPITAL 37,522,187

## CAPITAL BUILDINGS/TC

# BUILDING RENOVATIONS

Queens County Salt Storage	18,591
Queens Wharf	25,900
Prince County Courthouse Fire Escape Repair	42,275
Government House	40,644
Province House Annex	16,719
PAB Complex	464,096
Tyne Valley-Parking Lot Paving	23,743
Basin Head Fisheries Museum - Roof Repair	38,000
Royalty Centre-New Parking Lot	147,272
Coles Building	338,744
Wellington Forestry Depot Upgrades	14,900
Borden Disinfection Station Potatoe Platform	18,600
Mt. Pleasant VIC	8,700
Summerside Youth - Parking Lot Paving	34,091
Summerside Youth - Boiler Replacement	14,777
TOTAL BUILDING RENOVATIONS	1,247,053

# NEW BUILDING CONSTRUCTION

New Queens County Depot	981,729
TOTAL NEW BUILDING CONSTRUCTION	981,729

# LAND PURCHASES

Land Purchases	1,371,752
TOTAL LAND PURCHASES	1,371,752

TOTAL BUILDINGS - CAPITAL/TC	3,600,535
------------------------------	-----------

TOTAL TRANSPORTATION & INFRASTRUCTURE RENEWAL	41,122,721
---	------------