

RIDOT Municipal Separate Storm Sewer System – MS4



TWO MILE CORNER WET VEGETATED TREATMENT SYSTEM, MIDDLETOWN, RI

Annual Compliance Report No. 1
January 1 – December 31, 2015

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**Rhode Island
National Pollutant Discharge Elimination System
Municipal Separate Storm Sewer Systems**

**Annual Compliance Report No. 1
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INTRODUCTION

The Rhode Island Department of Transportation (RIDOT) submits this Annual Compliance Report as required by the United States of America vs Rhode Island Department of Transportation Civil Action (No. CV-15-433) Consent Decree. This report focuses on the work performed by RIDOT between **January 1, 2015 and December 31, 2015**. The Consent Decree became effective on December 22, 2015, and details remedial measures in relation to the National Pollutant Discharge Elimination System (NPDES) Storm Water discharge from Small Municipal Separate Storm Sewer Systems and Industrial Activity at Eligible facilities Operated by Regulated Small MS4's permit.

The Consent Decree establishes Remedial Measures and schedules for three broad areas: 1.) TMDL and Impaired Waters, 2.) Illicit Discharge Detection and Elimination (IDDE), and 3.) Good Housekeeping. The Consent Decree also establishes the reporting requirements for the annual report, which will document the compliance efforts of the RIDOT each calendar year.

COMPLIANCE REPORTING

The Consent Decree establishes the prescribed reporting requirements expected of RIDOT. This report will detail RIDOT's accomplishments during the reporting period, and where required, provide goals for the next reporting period. Each of the prescribed reporting requirements from the Consent Decree paragraph 60 are outlined below:

§ 60.A. IDENTIFICATION OF ALL PLANS, REPORTS AND OTHER SUBMISSIONS

Submission #	Submittal Date	CD paragraph	Item	Requires EPA/DEM Approval
1a	9/30/15	VI.D.38. a.	RIDOT road and parking lot inventory	NO
1b	9/30/15	VI.C.20.b.	List of all non-bituminous ditch outfalls with dry weather discharge in previous sampling	NO
2	10/30/15	VI.C.25.b	Schedule for initiating IDDE investigations for Appendix 8 outfalls; additional information on 228 Putnam Pike sent 2/17/16.	YES awaiting EPA review and Approval and RIDEM review and comment
3	11/30/15	VI.D.44.a.i	Complete design of the catch basin, manhole, outfall, and STU inspection and maintenance management system.	NO
4	12/30/15	VI.C.29	revised IDDE Plan & SOP	YES awaiting EPA review and Approval and RIDEM review and comment

§ 60.B. DESCRIPTION OF PROPOSED CHANGES

RIDOT did not propose any changes to the Consent Decree during for CY 2015.

TMDL & IMPAIRED WATERS REMEDIAL MEASURES

§ 60.C. ACTIONS TO ADDRESS IMPAIRED WATER BODY SEGMENTS

CY 2015 Activities: RIDOT procured consultant services to complete, among other things, the Storm Water Control Plan for the Woonasquatucket Grouping of impaired water body segments in relation to meeting the timeline defined in Consent Decree paragraph 18(c) (Group 4050210 RI Integrated List D #'s development began in early 2016 and progress will be reported in Consent Decree Annual Report No. 2.

§ 60.D. SCP STRUCTURAL CONTROL STATUS

CY 2015 Activities: There are no approved SCPs at this time to report in accordance with the Consent Decree.

§ 60.E. STRUCTURAL CONTROL CONSTRUCTION REPORT

CY 2015 Activities: The RIDOT and RIDEM partnered in securing a CWA Section 319 grant project entitled "RIDOT: Wet Vegetated Treatment System Construction at Two Mile Corner". According to a study funded by the Natural Resources Conservation Service, "The highly urbanized Bailey's Brook watershed has been ranked as having the highest water quality risk of the eight sub-watersheds that comprise the Aquidneck Island Reservoir watershed complex. This initiative is the precursor to a reconstruction project of the roadways within Two Mile Corner to address traffic capacity and safety issues as well as improve water quality from storm water runoff entering Bailey's Brook.

RIDOT partnered with Middletown officials to locate a site within Town owned open land for the purpose of constructing a gravel wet vegetated treatment system and this was the best routing for the off-line diversion pipe. Based on the contributing watershed area, the gravel wet vegetated treatment system would occupy 1.2 acres with a maintenance path. The completion of the wet vegetated treatment system was substantially completed in late 2014, however the final inspections were performed in 2015 and we are in the process addressing the punch list items including the replacement of any dead plantings and replace vandalized fencing.

This project will address phosphorus and enterococci bacteria as required in the TMDL for North Easton Pond and the RI Statewide TMDL for Bacteria Impaired Waters for Bailey's Brook. The selection of the gravel wet vegetated treatment system as a BMP will also provide very high removal rates for total suspended solids and total petroleum hydrocarbons.

Anticipated water quality results using an event mean concentration for phosphorous of 24 ug/l, the annual discharge of phosphorus from the portion of the MS4 that would be treated by the Best Management Practice is on the order of 5 kg/year. The wet vegetated treatment system is estimated to remove approximately 56 percent of this load when treating storm water alone. The bacteria loading will be reduced by an average 85% annual rate from the contributing 80.5acre watershed

The Department will transfer the wet vegetated treatment system to the Town of Middletown (copy of the Construction and Maintenance Agreement in Appendix B), who will begin the scheduled O&M of the system moving forward.

§ 60.F. REVISED O&M PLANS FOR CONSTRUCTED STRUCTURAL CONTROLS

CY 2015 Activities: A copy of the O&M Plan for the “Two Mile Corner WVTS” is in Appendix C. The Town of Middletown will be responsible for the implementation of the O&M Plan.

§ 60.G. STATUS OF DESIGN AND IMPLEMENTATION OF STORM WATER CONTROL PROJECTS

CY 2015 Activities: RIDOT received a Narragansett Bay and Watershed Restoration Fund (BWRP) grant from RIDEM to install two structural controls in the Roger Williams Park area of Providence, RI that provides water quality treatment for an identified RIDEM Priority Outfall in the Eutrophic Ponds TMDL (2007).

Project Purpose: The purpose of the project described herein is to continue mitigating the contributing sources of pollution to the Roger Williams Park (RWP) Ponds by constructing two of the pre-identified storm water BMPs in the vicinity of DEM Priority Outfall RWP-Q. The targeted pollutants to be removed are bacteria and phosphorus. Additionally, sediment, trash, floatables, other nutrients, and trace metals commonly found in highway runoff will also be reduced. The project may be classified as a retrofit to point source discharges of storm water associated with urban runoff. Storm water retrofit controls and overall pollutant reduction within this watershed are recommended in both the phosphorus and bacteria TMDLs cited above. Reduction in pollutants to the pond system will also benefit downstream receiving waters including Bellefont Brook, Bellefont Pond, the Pawtuxet River, and, ultimately, Narragansett Bay. Drainage structures along the eastern side of Elmwood Avenue in this area and on the on-ramp to Route 10 are connected into the 48-inch pipe that discharges at Priority Outfall RWP-Q. Catch basins on the upper portion of the off-ramp from Route 10 are connected to a 15-inch pipe that discharges directly into Roosevelt Lake a short distance east of Priority Outfall RWP-Q. RWP-7A will intercept and treat storm water that flows to the 48-inch pipe; RWP-7B will intercept and treat storm water that flows to the 15-inch pipe. The former will be on RIDOT property, while the latter will be located in RWP adjacent to Roosevelt Lake.

Project Description: The project consists of building two BMPs capturing runoff from a portion of Route 10 and the on and off ramps located at the northeast junction of Route 10 and Elmwood Avenue in the City of Providence. The Route 10 ramps are designated highways under the RIDOT jurisdiction. The second location is a wet vegetated treatment System (WVTS). The WVTS is proposed adjacent to the Roosevelt Lake in Providence. The existing drainage areas and storm water conveyances in the area are shown on Figure 3 (Appendix A). The two BMPs are designated as RWP-7A and RWP-7B in the RWP Water Quality Management Plan, but the drainage areas are outside of the RWP boundary.

Expected Results and Benefits: Based on the Median Pollutant Removal Efficiency Rating Values for Water Quality BMPs from the RISDIS Manual, the proposed BMPs will remove up to 95% of the

bacteria and 65% of the phosphorus in storm water flowing to them. Additionally, up to 65% of the nitrogen and 90% of the total suspended solids will be removed. In most cases, DEM will often credit infiltration practices with removal efficiencies of 100% for bacteria and phosphorus if soil conditions warrant. Immediate benefits will also include a decrease in the amount of trash, sediment, and floatables in Roosevelt Lake. Using the Watershed Treatment Model published by the Center for Watershed Protection (CWP, 2013), and also as estimated in the Water Quality Management Plan for the RWP Ponds, the proposed BMPs will remove approximately 1.25 lbs. of phosphorus annually from storm water discharges into Roosevelt Pond. While this is only a fraction of the total phosphorus loading to Roosevelt Lake, other efforts to treat storm water entering the lake from various contributing drainage areas are ongoing. Thirty (30) storm water projects have been identified in the RWP Ponds management plan for the Lower Watershed and a similar number in the Upper Watershed. Clearly, it will take a sustained effort over many years to be able to observe measurable improvement in the eutrophic condition of Roosevelt Pond. This project is critical to reaching that goal.

Per Grant agreement, the BMPs will be inspected for plan conformance weekly during construction to assure performance targets are achieved. At the conclusion of construction, the engineer must certify that the BMPs comply with the design plans and contract specifications. After the BMPs have been operational for at least three (3) months, a final maintenance inspection will be conducted, weather permitting and prior to grant closure, and any corrective actions noted in the inspection report will be undertaken.

§ 60.H. UPDATED LIST OF STORM WATER CONTROL PLANS

CY 2015 Activities: RIDOT has not completed any Stormwater Control Plans to date. RIDOT has entered into a contract with a consultant to assist in the preparation of the storm water control plans. The pilot plan efforts are ongoing to develop the SCP methodology and template for the pilot plan and future SCPs. The methodology will, include but not be limited to, detailed procedures for estimating phosphorous and zinc loads, and impervious cover for RIDOT property and estimating phosphorous, zinc and IC removal credits for non-structural and structural BMPs.

§ 60.I. O&M ACTIVITIES PERFORMED ON STRUCTURAL STORM WATER CONTROLS

CY 2015 Activities: RIDOT does not have any activities to report for CY 2015

§ 60.J. DISCHARGES TO NEWLY LISTED IMPAIRED WATER BODY SEGMENTS

CY 2015 Activities: In May 2015, RIDEM added the following impaired waters to its 2014 303(d) list (see table 1). These impaired waters were checked against the Consent Decree SCP Groupings and the ones that are already included due to other impairments are identified below. RIDOT shall update the SCP groupings with the relevant new impaired water bodies, as required, and develop a new Appendix 5 list for review and approval by EPA, and review and comment by RIDEM.

Table 1: Newly listed 303(d) Impaired Waters

Waterbody Name	Waterbody ID #	Cause of Impairment	SCP Grouping # included in
Newport Harbor / Coddington Cove	RI0007030E-01E	Enterococcus	
Gardiner Pond	RI0007035L-01	Phosphorus (Total) , Total Organic Carbon (TOC)	
Lawton Valley Reservoir	RI0007035L-06	Phosphorus (Total) , Total Organic Carbon (TOC)	
Nelson Paradise Pond	RI0007035L-02	Phosphorus (Total) , Total Organic Carbon (TOC)	
Nonquit Pond	RI0007035L-08	Phosphorus (Total) , Total Organic Carbon (TOC)	
North Easton Pond (Green End Pond)	RI0007035L-03	Total Organic Carbon (TOC)	4090900
Saint Mary's Pond	RI0007035L-05	Phosphorus (Total) , Total Organic Carbon (TOC)	
Sisson Pond	RI0007035L-10	Phosphorus (Total) , Total Organic Carbon (TOC)	
South Easton Pond	RI0007035L-04	Phosphorus (Total), Total Organic Carbon (TOC)	
Watson Reservoir	RI0007035L-07	Phosphorus (Total), Total Organic Carbon (TOC)	
Buckeye Brook & Tribs	RI0007024R-01	Cadmium, Copper, Iron, Oxygen, Dissolved	4090200
Spring Brook and Tributaries	RI0008039R-41	Enterococcus	
Tribs to Warwick Pond	RI0007024R-05	Benthic-Macroinvertebrate Bioassessments, Cadmium, Iron	4090200

ILLICIT DISCHARGE REMEDIAL MEASURES

§ 60.K. WET AND DRY WEATHER SCREENING OF DISCHARGE POINTS

CY 2015 Activities: RIDOT does not have any screening activities to report in CY 2015, however RIDOT reviewed the dry weather sampling results from previous sampling performed for the RIPDES permit and developed a list of the outfalls which had dry weather flow which were not paved waterways. This dry weather flow subset list is considered the Priority Outfalls list for future investigation work.

RIDOT also developed the Illicit Discharge Detection and Elimination (IDDE) Plan and the associated Standard Operating Practice (SOP) for performing wet and dry weather screening, investigations and follow up on suspect discharges. The plan was submitted to EPA for review and approval on December 31, 2015. The plan was also submitted to DEM for review and comment on the same date. RIDOT is awaiting comments and/or approval.

§ 60.L. OTHER RIDOT ROADWAYS WHERE SCPs ARE NOT REQUIRED

CY 2015 Activities: RIDOT does not have any 'other' RIDOT roadways to report for CY 2015.

§ 60.M. RESULTS OF RIDOT IDDE AND DISCHARGE POINT SCREENINGS

CY 2015 Activities: RIDOT does not have any sampling results to report for CY 2015.

§ 60.N. DESCRIPTION OF IDDE INVESTIGATIONS

CY 2015 Activities:

228 Putnam Pike, Johnston (See Appendix E)

Assessor's Plat 41 – Lot 31

This illicit connection was discovered during a review of the drainage system for a drainage improvement project adjacent to the property. The review was conducted on August 8, 2014 during the video inspection of the drainage system. RIDEM also received an anonymous phone call regarding the same property. A letter was sent to the property owner on April 16, 2015. The Property owner was not aware of any connection and was informed that the connection would be removed in a future project. The owner hired a construction company to video the property drainage lines and verified no connection to the septic system or house. This connection was not deemed an illicit discharge.

230 Putnam Pike, Johnston (See Appendix F)

Assessor's Plat 41 – Lot 32

This illicit connection was discovered during a review of the drainage system for a drainage improvement project adjacent to the property. The review was conducted on August 8, 2014 during the video inspection of the drainage system. A letter was sent to the property owner on April 16, 2015. The property owner was not aware of any connection and was informed that the connection would be removed in a future project. This connection was not deemed an illicit discharge.

234 Putnam Pike, Johnston (See Appendix G)

Assessor's Plat 41 - Lots 33 and 138

This illicit connection was discovered during a review of the drainage system for a drainage improvement project adjacent to the property. The review was conducted on August 8, 2014 during the video inspection of the drainage system. A letter was sent to the property owner on April 16, 2015. The property owner was not aware of any connection and was informed that the connection would be removed in a future project. This connection was not deemed an illicit discharge.

164-170 Main Street, Pascoag (See Appendix H)

Assessor's Plat 175 – Lot 24

This IDDE investigation discovered two illicit connections from the properties during a review of the drainage system for a roadway improvement project adjacent to the property. The review was conducted July 2012 during the video inspection of the drainage system and cleaning. A letter was sent to the property owner on December 8, 2015. The property owner was not aware of any connection and was informed that the State's drainage pipes will be relined thus blocking the pipes as part of the Route 107 Improvements project to be constructed in 2016. These connections were not deemed illicit discharges.

485 Main Street, Pascoag (See Appendix I)

Assessor's Plat 158– Lot 25

This IDDE investigation discovered an illicit connection from the property through the headwall of the culvert during emergency repairs to a RIDOT culvert in the fall of 2013. A letter was sent to the property owner on January 21, 2016. The property owner was not aware of any connection and was informed that the State's proposed improvements to Route 107 include the replacement of the culvert, at which time the unauthorized connection will be blocked. This connection was not deemed an illicit discharge. The Route 107 Improvements project will be constructed in 2016.

§ 60.o. APPENDIX 9 INTERCONNECTIONS

CY 2015 Activities: RIDOT does not have any Appendix 9 interconnection data to report for CY 2015, however, RIDOT is working with the MS4s to obtain existing GIS data.

§ 60.P. LIST OF IDDEs INVESTIGATIONS EXCEEDING 180 DAYS

The Consent Decree was not effective until December 22, 2015; each of the IDDE investigations began before the effective date of the Consent Decree. Additionally, RIDOT submitted the IDDE Plan and SOP on December 31, 2015, and are awaiting EPA comment &/or approval.

CY 2015 Activities: All IDDEs listed in § 60.n. exceed 180 days from the initiation of the investigations, however, each of the IDDE investigations did not reveal illicit discharges.

The illicit connections on Putnam Pike in Johnston will either be removed during a future construction project, or the property owners will be requested to obtain a Physical Alteration Permit that allows for the connection of stormwater flows (i.e. roof drains) or allowable non-stormwater flows (i.e. ground water) to the State drainage system. Once a PAP is issued, the investigation will be complete.

The illicit connections on Main St in Pascoag were also deemed to be either stormwater flows (i.e. roof drains) or allowable non-stormwater flows (i.e. ground water) to the State drainage system. The Improvements to Route 107 (Main Street, Pascoag) project has been advertised for bids and construction will begin in April of 2016. Work will include the relining of the drainage pipes, which will block the unauthorized connection and the relocation of the culvert will result in the removal of the unauthorized connection at 485 Main Street.

§ 60.Q. IDDE COMPLAINTS

CY 2015 Activities:

RIDEM SB02 (Scarborough Beach) – EPA Region 1 is currently working with RIDOT to sample and investigate RIDEM SB02. Field reconnaissance and IDDE sampling was conducted by EPA, with the assistance of RIDOT NRU & Maintenance on August 25 and 26, 2015. EPA received lab results in October 2015 and is currently analyzing results. Once RIDOT obtains EPA comments, we will provide a full report to EPA/DOJ/DEM. At that time, RIDOT will also provide a schedule for any follow-up requirements and/or IDDE investigations tasks, if required.

228 Putnam Pike, Johnston (See Appendix E)

Assessor's Plat 41 – Lot 31

See § 60.n.

All future complaints will be addressed on an as-needed basis through on-call scope of service

§ 60.R. IDDE VERIFIED

CY 2015 Activities: RIDOT did not discover any unauthorized connections that were deemed illicit discharges in CY 2015.

GOOD HOUSEKEEPING REMEDIAL MEASURES

§ 60.S. STREET SWEEPING

CY 2015 Activities: Although the State has been sweeping roadways as a routine activity, the tracking and reporting system (VUEWorks) not configured, therefore RIDOT is not able to provide date-specific sweeping production rates and locations. The RIDOT Maintenance Division reported sweeping 2,765 roadway miles in 2015 (based on data extracted from Excel spreadsheets and paper forms). With the implementation of VUEWorks, the Department will have the ability to track and monitor the sweeping operation on a statewide basis. A list of all the state roadways that will be swept on a yearly basis has been developed (Appendix J).

The list of priority sweeping for 2016 is included (Appendix K) which are the roadway segments that require two sweeping per year starting in year 2016, identified in Consent Decree Appendix 11.

In addition to the above, the RIDOT completed the following related activities:

- The Adopt-a-Highway program had 110 sponsors for a total of 220 miles cleaned 4x during the reporting period.
- The Sponsor-a-Highway program had 48 Sponsored Segments. Through this program, over 3,000 bags of trash were picked up by two companies.
- The Prison Crews have been effective in collecting the roadside litter on a myriad of highways in RI. In 2015 the Department spent \$536,625 for their resources and collected 48,292 bags of litter.

§ 60.T. CATCH BASIN AND MANHOLE INSPECTIONS

CY 2015 Activities: According to our Maintenance Division, RIDOT inspected a total of 659 catch basins in 2015 as part of routine cleaning and maintenance operations. Most of this data was collected in field logs, and detailed location data cannot be provided for CY 2015.

Non Limited Access Roadways: RIDOT is preparing a scope of services for consultants/contractors to perform the required inspections on approximately 20,000 catch basins and manholes, as well as outfalls and STUs along State-maintained non-limited access roadways. The inspections include the collection of the operational condition, and where possible, the attribute information, environmental condition, and proposed repair/maintenance needs for each drainage asset. With the contract in-place, it is anticipated that 100% of the initial operational condition inspections will be completed by December 31, 2017. All inspections will be documented in VUEWorks.

Limited Access Roadways: The 8,000 basins and manholes located on limited access facilities will be inspected by State forces by December 31, 2017. All inspections and activities will be documented in VUEWorks.

§ 60.U. OUTFALL INSPECTIONS

CY 2015 Activities: RIDOT did not perform any outfall inspections during the reporting period. However, 95% of the outfall mapping and GIS Database has been completed. Approximately 3814 outfalls (including bituminous ditches) have been mapped.

The RIDOT scope of services mentioned in § 60.t. will also be used to obtain the required inspections on the outfalls and waterways. It is anticipated that outfalls and waterways will be completed by December 31, 2017. All inspections and activities will be documented in VUEWorks.

§ 60.V. CATCHBASIN/MANHOLE CLEANING – REPORTING YEAR + 2 YEAR OUTLOOK

CY 2015 Activities – Maintenance Division: According to our Maintenance Division, RIDOT cleaned a total of 659 catch basins in 2015. Most of this data was collected in field logs, and detailed location data cannot be provided for CY 2015. In the future, data will be collected in VUEWorks, and RIDOT can provide detailed breakdowns of work performed.

CY 2015 Activities – Construction Division: During the reporting period several highway projects were completed and included items to clean catch basins and manholes and associated piping. The totals are 1077 catch basins and 303 manholes were cleaned. The following is a summary of the structures cleaned:

Limited Access Roadways

7 Catch Basins
0 Manholes

Non-Limited Access Roadways

1070 Catch Basins
303 Manholes

Detailed information will be available in future reports via implementation of the VUEWorks system. RIDOT will continue to clean catch basins and manholes within the scope of the projects completed during the 2016 reporting period and as part of our Maintenance Division activities during that same period. That effort will be complimented by the cleaning of additional basins and manholes identified as part of the inspection services scope of work currently in the request for proposals stage. This effort is expected to be underway by summer of 2016.

Appendix L – Drainage System Cleaning for 2016 and 2017, provides a listing of RIDOT owned and/or maintained roadways where RIDOT plans to clean catch basins and manholes in the referenced calendar years. The list is broken down by limited access and non-limited access roadways.

§ 60.W. CATCHBASIN/MANHOLE REPAIRS - REPORTING YEAR + 2 YEAR OUTLOOK

CY 2015 Activities: The RIDOT did not track catch basin and manhole repair production during CY 2015, however, RIDOT is preparing a scope of services for consultants/contractors to perform the required inspections on approximately 20,000 catch basins and manholes, as well as outfalls and STUs along State-maintained non-limited access roadways. The inspections include the collection of

proposed repair/maintenance needs for each drainage asset. All inspections and recommended repairs will be documented in VUEWorks, and RIDOT will be able to provide the 2-year outlook data in the 2016 CY report.

§ 60.X. CLOSED DRAINAGE SYSTEM COMPONENT CLEANING AND REPAIRS

CY 2015 Activities: During the reporting period several highway projects were completed and included items to clean and flush pipes. The total linear footage of pipe cleaned and flushed was 53,128 LF.

The following is a summary of the linear footage of pipe cleaned:

Limited Access Roadways

4,008 LF

Non-Limited Access Roadways

51,884 LF

Detailed information will be available in future reports via implementation of the VUEWorks system. RIDOT will continue to clean other drainage system components within the scope of Construction projects and as part of our Maintenance Division activities. That effort will be complimented by the cleaning of additional drainage system components as part of the inspection services scope of work currently in the request for proposals stage. The scope of services includes the collection of proposed repair/maintenance needs for each drainage asset. All inspections and recommended repairs will be documented in VUEWorks, and RIDOT will be able to provide the 2-year outlook data in the 2016 CY report.

Appendix L – Drainage System Cleaning for 2016 and 2017, provides a listing of RIDOT owned and/or maintained roadways where RIDOT plans to clean other drainage system components in the referenced calendar years as part of Construction projects. The list is broken down by limited access and non-limited access roadways.

MISCELLANEOUS CONSENT DECREE

§ 60.Y. SUPPLEMENTAL ENVIRONMENTAL PROJECTS UPDATE

CY 2015 Activities: During the 2015 reporting period, RIDOT began preparation of all necessary maps, descriptions and agreements for transfer of the Johnston Parcel Preservation SEP and the Lincoln parcel Preservation SEP. The documents are near complete and will be forwarded to RIDEM for review and ultimately to EPA for approval as required in the Consent Decree.

§ 60.Z. IDENTIFICATION OF ALL CONSENT DECREE NONCOMPLIANCE

CY 2015 Activities: RIDOT has no non-compliance issues to identify at this time.

APPENDICES

Appendix A: Roger Williams Park BMPs: Sites RWP-7A and RWP-7B

Appendix B: Agreement between RIDOT and Town of Middletown

Appendix C: Middletown BMP Operations and Maintenance Manual

Appendix D: Scheduled IDDE Investigation of Impaired Water Bodies

Appendix E: IDDE Investigation - 228 Putnam Pike, Johnston

Appendix F: IDDE Investigation - 230 Putnam Pike, Johnston

Appendix G: IDDE Investigation - 234 Putnam Pike, Johnston

Appendix H: IDDE Investigation - 164-172 Main Street, Pascoag

Appendix I: IDDE Investigation - 485 Main Street, Pascoag

Appendix J: Sweeping Log

Appendix K: List of Priority Sweeping Roadways and Maps per CD Appendix 11

Appendix L: Catch Basin Cleaning in 2016

Appendix M: Catch Basin Cleaning in 2017

Appendix N: Non-Catch Basin and Manhole Component Cleaning and Repairs

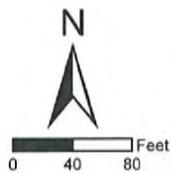


Source: Esri, DigitalGlobe, GeoEye, Earthstar (USA), USGS, Aero, IGN, JPL, Swisstopo, and the GIS User Community

Path: H:\Projects\2014\14144 RI DOT Grant Application\GISMaps\Figure3_7Aand7B11x17_portrait.mxd

Legend

- ⬭ Drainage Area to Structural BMP
- ⬭ Proposed BMP Footprint
- Existing Drain Line
- Proposed Drain Line
- ▲ RIDEM Priority Outfall
- ▲ Pond Inlet/Outlet
- Existing Catchbasin
- Existing Manhole
- Proposed Diversion Manhole



Roger Williams Park Watershed
Stormwater Retrofit
Concept Plans for
Sites RWP-7A and RWP-7B

Date: 9/19/2014

Figure 3

**RECONSTRUCTION OF TWO MILE CORNER –
STORMWATER MANAGEMENT FACILITY**

Design R.I. Contract No. 93116

Design Federal-Aid Project No.: HPP-4858(001)

CONSTRUCTION & MAINTENANCE AGREEMENT/MUNICIPALITY

FEDERAL FUNDS

by and between the

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

and the

TOWN OF MIDDLETOWN

AGREEMENT entered into by and between the State of Rhode Island and Providence Plantations (the "State"), through its Department of Transportation and the Town of Middletown (the "Municipality").

WHEREAS the State, in cooperation with the Municipality, has selected the above-referenced Project in the Town of Middletown, specifically Reconstruction of Two Mile Corner – Stormwater Management Facility. This Project includes the installation of drainage pipes and drainage structures on Commercial Street, High Street, O'Neil Boulevard, and the construction of a Gravel Wet Vegetated Treatment System (hereinafter "GWVTS") on land owned by the Municipality, (further described in the attached Project Description) and hereinafter referred to as the "Project"), for improvements under the provisions established in the Federal-Aid Policy Guide (FAPG), of the United States Department of Transportation, Federal Highway Administration, and

WHEREAS the State will accomplish said improvements with funds apportioned to the State under the Federal-Aid Highway Act, as amended and supplemented, and from other sources available for the purpose, subject to the Municipality providing for the proper maintenance after completion of the improvements.

NOW THEREFORE, the State and the Municipality hereby agree as follows:

1. The Municipality agrees to secure the necessary consent from any other parties holding an interest in its land, including but not limited to the City of Newport, RI Department of

Environmental Management (RIDEM) and the Aquidneck Land Trust (ALT), to allow for the construction of the Project and for any subsequent maintenance and / or repair.

2. The State, through its Consultant, Vanasse Hangen Brustlin (VHB), will design the Project, and obtain the necessary permits needed for the design and construction of this Project, in accordance with all State and Federal regulations. VHB will provide the location plan data to the Municipality, and the Municipality will provide a temporary construction easement to the State in order to complete the Project; the Municipality shall record the temporary construction easement in the land evidence records prior to the Project being awarded.

3. The State will advertise and award the Project in conformance with 23 CFR Part 635 and the provisions of Title 37, Chapter 2 of the Rhode Island General Laws. Thereafter, the State shall issue a Notice to Proceed to its contractor (the "Contractor"), who will construct the improvements in accordance with the Plans and Specifications for the Project.

4. After issuance of the Notice to Proceed to the Contractor, the Municipality will allow the State and its Contractor to enter onto its property, as provided for in the temporary construction easement, for purposes of constructing the Project. The State will conduct a final inspection of the Project with the Contractor and the Municipality to ensure the Project was completed in conformance to the plans and specifications for the Project.

5. Upon the State's completion of the GWVTS, the Municipality will maintain ALL portions of the drainage pipe, drainage structures, GWVTS in accordance with the Project Plans and Specifications, at its own cost and expense, and will make ample provision each year for such maintenance.

6. The Municipality acknowledges that the State will utilize the GWVTS and the drainage facilities (pipes and structures) to be located within Commercial Street, High Street and O'Neil Boulevard, to collect and manage stormwater from the State Highway known as West Main Road (Route 114) in accordance with a planned future reconstruction of that highway. The Municipality hereby allows the State the right to enter its property should there be an event or emergency situation that adversely affects the State Highway which requires access for corrective action or repair.

7. The State agrees to perform the maintenance of its Route 114 stormwater system in accordance with its RIPDES MS4 General Permit.

8. The Project shall not be accepted by the Municipality until the State has inspected and certified to the Municipality that the Project has been properly constructed and is operating consistent with the design parameters of the Project.

9. Upon completion of the Project, the Municipality will **(for Commercial Street, High Street and O'Neil Boulevard)** maintain all drainage portions (pipe, drainage structures) on Commercial Street, High Street, O'Neil Boulevard, in accordance with the Project Plans and Specifications and Exhibit A, at its own cost and expense, and will make ample provision each year for such maintenance.

10. Under the planned future reconstruction of Route 114, the proposed GWVTS will address a larger water quality volume than is required by the roadway reconstruction itself. The State and Municipality agree to an equitable distribution of any "Water Quality Volume Credit" issued by the RIDEM for the additional water quality volume treated by the GWVTS beyond the required roadway construction water quality volume.

11. All work performed under this Project is subject to the approval and inspection of the State and Federal authorities in accordance with the provisions of the Federal-Aid Highway Act and the regulations, including the Federal-Aid Policy Guide (FAPG), as aforementioned, which are hereby made a part of this Agreement by reference.

12. The Town Administrator will take all necessary steps to receive authority from the Town Council to enter into and execute this Agreement including, but not limited to, submission of this Agreement to the Town Council for ratification and submission of proof of such authority to the State prior to project advertisement.

(Intentionally Blank)

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized officials as of the date last written below.

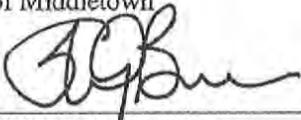
Recommended for Approval:



Chief Engineer Kazem Farhoumand, P.E.
Department of Transportation

DATE: 4/8/14

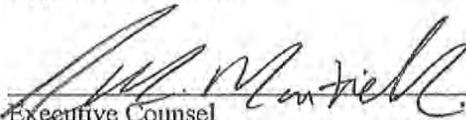
MUNICIPALITY
Town of Middletown

By: 

Shawn J. Brown
Town Administrator

DATE: 3-20-14

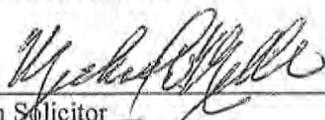
Approved as to form:



Executive Counsel
Department of Transportation

DATE: 4/9/14

Approved as to form:



Town Solicitor
Town of Middletown

DATE: 3/21/14

Approved:



Director Michael P. Lewis
Department of Transportation

DATE: 4/9/14

Examined and Approved:

N/A

Division Administrator
U.S. Department of Transportation
Federal Highway Administration

Exhibit A
Rhode Island Contract No. 93116
R.I. F.A.P No. HPP-4858(001)

PROJECT DESCRIPTION

TWO MILE CORNER RECONSTRUCTION – STORMWATER MANAGEMENT
FACILITY

Installation of Drainage pipe, structures and GWVTS on Town Property

Town roadways include Commercial Street, High Street and O'Neil Boulevard

This Project, located in the County of Newport, Town of Middletown, Rhode Island, includes drainage improvements on the following roadways: **Commercial Street** (from West Main Road to High Street), **High Street** (from Commercial Street to O'Neil Boulevard) and a portion of **O'Neil Boulevard**. The drainage system will carry stormwater runoff from state and local roadways to the Gravel Wet Vegetated Treatment System (GWVTS).

The work encompassed on these roadways includes, but is not limited to, installation of deep sump catch basins, manholes, drainage pipe, full depth pavement replacement for drainage trenches, erosion controls, milling and overlay with bituminous pavement, striping, and signage.

In addition, the Project includes construction of a GWVTS on Town property AP 108 / Lot 4. The work encompassed for the GWVTS includes but is not limited to installation of a gravel access road, sedimentation forebay, fencing, landscaping, capping contaminated soil as required by RIDEM regulations of the Office of Waste Management, and installation of wetland plant material.

*Reconstruction of Two Mile Corner
Stormwater Management Facility*

Middletown,
Rhode Island

Prepared for **R.I. Department of Transportation**
Two Capitol Hill
Providence, RI 02903

Prepared by **VHB/Vanasse Hangen Brustlin, Inc.**
10 Dorrance Street, Suite 400
Providence, Rhode Island 02903

January 2013
Revised March 2014

Long Term Stormwater Maintenance Measures

Owner/Operator Responsible for Operation and Maintenance

Town of Middletown – Funding for O & M through the Town’s Budget

Closed drainage system in Commercial Street, High Street, O’Neil Boulevard and Plat 108, Lot 4 property

Gravel Wet Vegetated Treatment System (GWVTS) on Plat 108, Lot 4 property

Street Sweeping along Commercial Street, High Street, and O’Neil Boulevard

Rhode Island Department of Transportation

Closed drainage system in West Main Road, East Main Road, and Coddington Highway

Bioretention basin and island

Street sweeping along West Main Road, East Main Road, and Coddington Highway

Maintenance of Stormwater Systems

The following maintenance program shall ensure the continued effectiveness of the structural water quantity and quality controls, and is anticipated to cost \$1,500 annually.

Pavement Systems

Street Sweeping

Street sweeping will be maintained in a manner consistent with the RIDOT RIPDES Phase II Storm Water Management Program Plan or the Town of Middletown RIPDES Phase II Storm Water Management Program Plan.

Structural Stormwater Management Devices

Catch Basins and Manholes

All drainage structures within the project limits to remain will be inspected and cleaned, as necessary, prior to construction. At the end of construction, all structures will be inspected and any sediment or debris that has accumulated during construction shall be removed from the system and disposed of in a manner consistent with local, state, and federal regulations.

The proposed drainage infrastructure installed will be maintained in a manner consistent with the RIDOT RIPDES Phase II Storm Water Management Program Plan or the Town of Middletown RIPDES Phase II Storm Water Management Program Plan. All catch basins and outfalls will be inspected annually. Catch

basins are to be cleaned annually, preferably in the spring and/or repaired as necessary. Outfalls showing signs of scour will be repaired as necessary. Sediment accumulated at outfalls located in wetlands is to be removed manually or with equipment staged outside of biological wetlands. Proper temporary sediment controls must be installed prior to disturbing sediments accumulated at outfalls. These controls must be removed after the cleaning operation has been completed. Sediment and debris removed from the system shall be disposed of in a manner consistent with local, state, and federal regulations.

Vegetated Stormwater Management Devices

Gravel Wet Vegetative Treatment System (WVTS)

Initial Post-Construction Inspection

- During the initial period of vegetation establishment pruning and weeding are required twice in first year by contractor.
- Any dead vegetation found after the first year must be replaced.
- During the six months immediately after construction, inspect basin following at least the first two precipitation events of at least 1.0 inch to ensure that the system is functioning properly. If sediment build-up is found, core aeration or cultivating of un-vegetated areas may be required to ensure adequate filtration.
- If a minimum vegetative coverage of 50% is not achieved in the planted areas after the second growing season, a reinforcement planting will need to be done.

Long-Term Maintenance

- Weeds and invasive plant species shall be removed by hand.
- Leaf litter and other detritus shall be removed twice per year.
- If needed to maintain aesthetic appearance, perennial plantings may be trimmed at the end of the growing season.
- Trees and shrubs should be inspected twice per year to evaluate health and attended to as necessary.

Inspections and Cleaning

- Gravel WVTS shall be inspected on an annual basis and after storm events greater than or equal to the 1-year, 24 hour precipitation event. Areas with a permanent pool shall be inspected on a semi-annual basis.
- Sediment and organic buildup shall be removed from the Gravel WVTS every 2 years, as needed.
- Sediment removal in the forebay shall occur every 5 years or after 50% of the total forebay capacity has been lost, whichever occurs first.

- The slopes of the basin shall be inspected for erosion and gullyng. Revegetate slopes as necessary for stabilization.
- All structural components including trash racks, valves, pipes, weirs, orifice structures, and spillway structures shall be inspected and any deficiencies reported and corrected.
- The overflow structure should be inspected annually to ensure that it is functioning.
- Trash and debris shall be removed as necessary.

Bioretention Basin and Island

Mulching is an important part of bioretention area maintenance. Mulch keeps the soil moist, allowing for easy infiltration of rain water. Un-mulched surfaces may develop into a hardpan, a condition in which the soil surface becomes cemented together, forming a hard, impervious layer. Mulching also protects plants and reduces weed growth.

Initial Post-Construction Inspection

- During the initial period of vegetation establishment pruning and weeding are required twice in first year by contractor.
- Any dead vegetation found after the first year must be replaced.
- Proper mulching is mandatory and regular watering may be required initially to ensure proper establishment of new vegetation.
- During the six months immediately after construction, inspect basin following at least the first two precipitation events of at least 1.0 inch to ensure that the system is functioning properly. If sediment build-up is found, core aeration or cultivating of un-vegetated areas may be required to ensure adequate filtration.

Long-Term Maintenance

- Weeds and invasive plant species shall be removed by hand.
- Leaf litter and other detritus shall be removed twice per year.
- If needed to maintain aesthetic appearance, perennial plantings may be trimmed at the end of the growing season.
- Trees and shrubs should be inspected twice per year to evaluate health and attended to as necessary.
- Re-mulch bioretention basin with hardwood mulch to a depth of 3 inches each spring or whenever erosion is evident. The entire area may require mulch replacement once every two to three years. Mulch depth shall not exceed 3 inches.

Inspections and Cleaning

- Bioretention basins shall be inspected quarterly during for the first year and annually thereafter for sediment buildup, erosion, vegetative conditions, etc. Sediment shall be cleaned out if accumulation exceeds 1 inch. Core aeration or cultivating of un-vegetated areas may be required to ensure adequate filtration.
- The inflow location should be inspected semi-annually for clogging. Sediment build up is a common problem where runoff leaves an impervious surface and enters a vegetative or earthen surface. Any built-up sediment should be removed to prevent runoff from bypassing the facility.
- When the filtering capacity of the filter diminishes substantially (i.e., when water ponds on the surface of the filter bed for more than 48 hours), the top few inches of discolored material shall be removed and shall be replaced with fresh material. The removed sediments shall be disposed in an acceptable manner at an approved and permitted location.
- The overflow structure should be inspected semi-annually to ensure that it is functioning.
- Trash and debris shall be removed as necessary.

Vegetated Areas Maintenance

Although not a structural component of the drainage system, the maintenance of vegetated areas may affect the functioning of stormwater management practices. This includes the health/density of vegetative cover and activities such as the application and disposal of lawn and garden care products, disposal of leaves and yard trimmings.

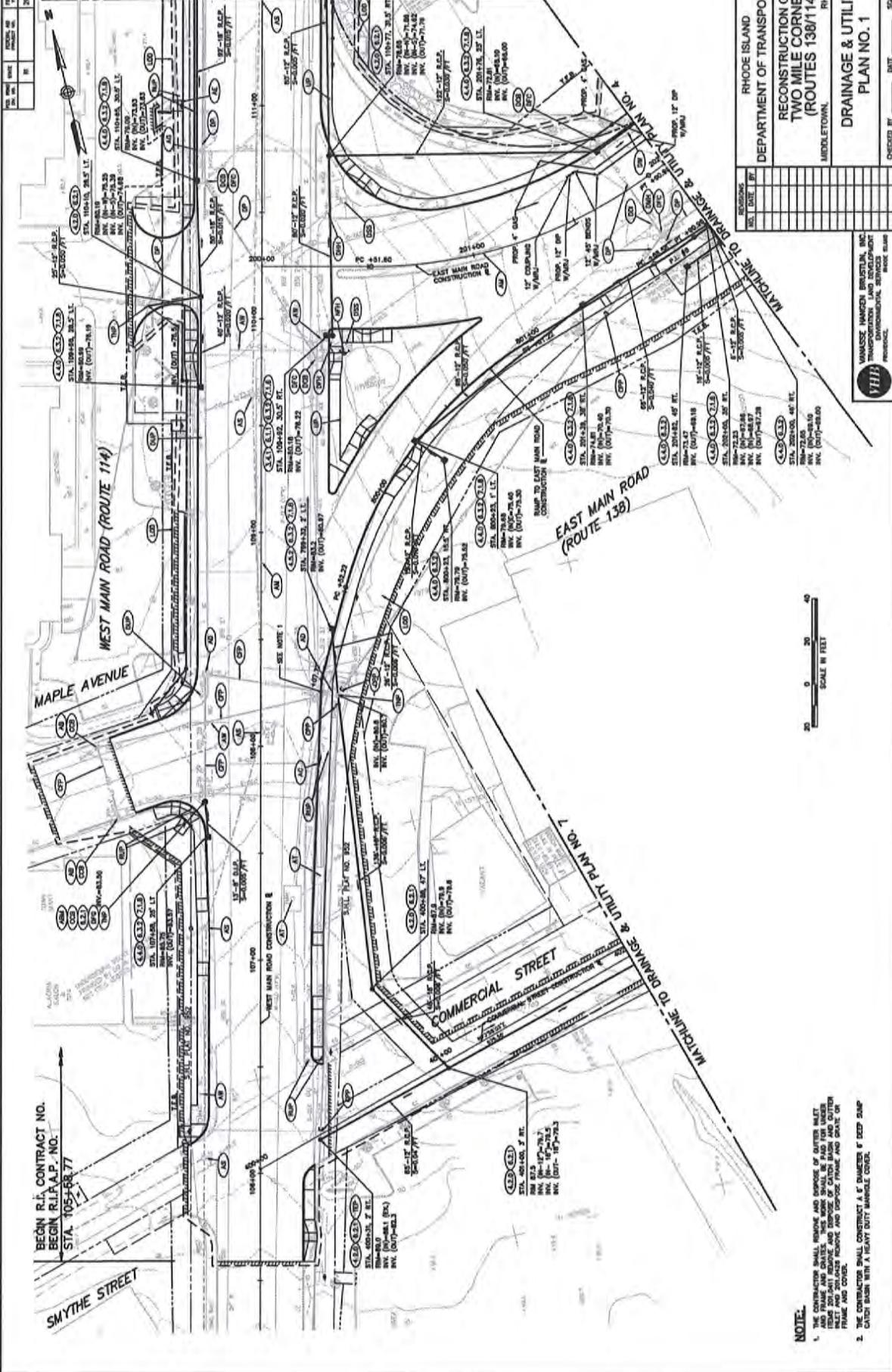
- Inspect planted areas on a semi-annual basis and remove any litter.
- Maintain planted areas adjacent to pavement to prevent soil washout.
- Immediately clean any soil deposited on pavement.
- Re-seed bare areas; install appropriate erosion control measures when native soil is exposed or erosion channels are forming.
- Plant alternative mixture of grass species in the event of unsuccessful establishment.
- The grass vegetation should be cut to a height between three and four inches.
- Pesticide/Herbicide Usage – No pesticides are to be used unless a single spot treatment is required for a specific control application.
- Fertilizer usage should be avoided. If deemed necessary, slow release fertilizer should be used. Fertilizer may be used to begin the establishment of vegetation in bare or damaged areas, but should not be applied on a regular basis unless necessary.

Reporting and Documentation

The site supervisor shall be responsible for ensuring that the scheduled tasks as described in this plan are appropriately completed and recorded in the Maintenance Checklist. Accurate records of all inspections, routine maintenance and repairs shall be documented and these records shall be available for inspection by members of the RIDEM, or their designated agent, upon request.

DATE	BY	REVISION
2013	18	18

MATCHLINE TO DRAINAGE & UTILITY PLAN NO. 2



BEGIN R.I.A. CONTRACT NO.
BEGIN R.I.A.P. NO.
STA. 105+68.77

- NOTE.**
1. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MALT AND FRAME AND GATES. THIS WORK SHALL BE PAID FOR UNDER THE CONTRACT. THE CONTRACTOR SHALL PROVIDE FRAME AND GATE FOR THE NEW MALT AND GATES. THE CONTRACTOR SHALL PROVIDE FRAME AND GATE FOR THE NEW MALT AND GATES.
 2. THE CONTRACTOR SHALL CONSTRUCT A 6" DRAINER 8' DEEP SWAP CUTOUT BUILT WITH A HEAVY DUTY MANHOLE COVER.



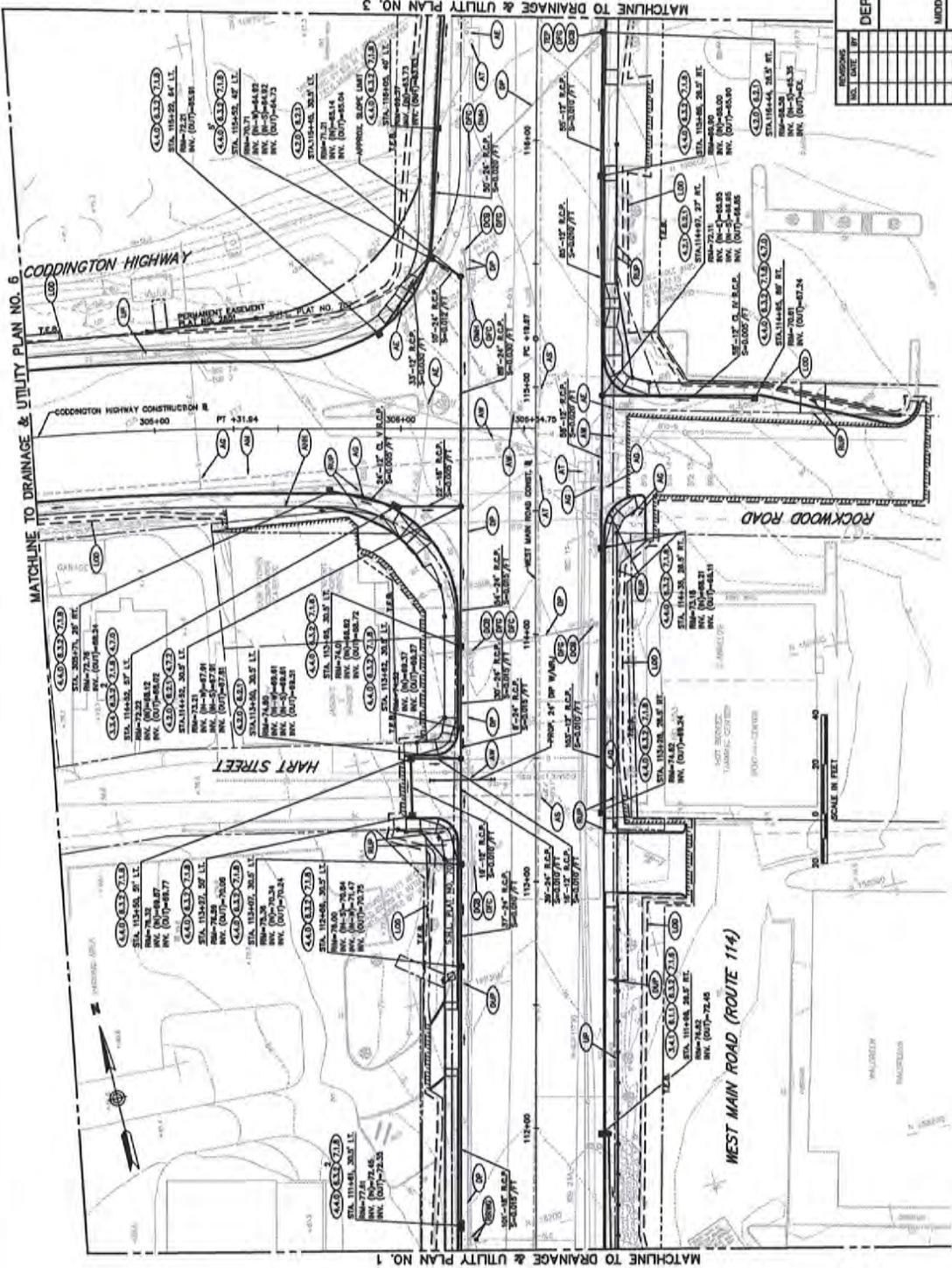
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
RECONSTRUCTION OF
TWO MILE CORNER
(ROUTES 138/114)
MIDDLE TOWN, RHODE ISLAND
DRAINAGE & UTILITY
PLAN NO. 1

WANSSE HANSEN BRISTOL, INC.
TRANSPORTATION LAND DEVELOPMENT
ENGINEERING ARCHITECTURE SURVEYING
PROFESSIONAL



CHECKED BY _____ DATE _____
SCALE _____

DATE	BY	REVISION
2013.17	MM	
2013.17	MM	



RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
RECONSTRUCTION OF
TWO MILE CORNER
(ROUTES 138/114)
MIDDLETOWN, RHODE ISLAND
DRAINAGE & UTILITY
PLAN NO. 2

REVISIONS	DATE	BY

MANASSE HANSEN BRUSTLIN, INC.
TRANSPORTATION AND DEVELOPMENT
CORPORATION
PROVIDENCE, RHODE ISLAND



DRAWN BY: _____ DATE: _____
SCALE: _____
CHECKED BY: _____

Appendix 8 – RIDOT MS4 Discharge Points for which RIDOT must provide a schedule for initiating IDDE investigations			
RIDOT investigation	RIDOT or RIDEM Outfall Identifier, if applicable	Receiving Water	Town/Location Information
April 2016	RIDEM – S4 and S5	Woonasquatucket River	Providence, RI - 72 inch outfall (S4) and 60 inch outfall (S5) at Mancini Drive (also referred to as W6)
May 2016	RIDEM – RI129	Pawcatuck River	Town of Westerly – Commerce Street (RIDOT outfall 5)
May 2016	RIDEM – RI130	Pawcatuck River	Town of Westerly – 181 Main Street (RIDOT outfall 9)
Coordinating w/ EPA Region 1 IDDE investigation	RIDEM – SB02	Scarborough Beach	Town of Narragansett – Outfall SB02 also known as Ocean Road 1S outfall located at the southern end of the beach
June 2016	RIDEM – 5-21	Kickemuit River	Town of Warren – Child Street outfall, west of bridge, 18 inch culvert
June 2016	RIDEM – 5-18	Kickemuit River	Town of Warren – Metacom Avenue, outfall at railroad bridge at Barker Ave.
June 2016	RIDEM – 5-12	Kickemuit River	Town of Warren – Metacom Avenue, outfall at Parker Ave., 42 x 20 inch box culvert
June 2016	RIDEM – 5-13	Kickemuit River	Town of Warren – Metacom Avenue, outfall at Parker Ave., 30 inch culvert
April 2016	NA	Unknown	Johnston, RI – 228 Putnam Pike



Department of Transportation
Division of Highway and Bridge Maintenance
360 Lincoln Avenue
Warwick, RI 02888

April 16, 2015

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Mr. Fernando J. Goncalves
239 Greenville Avenue
Johnston, RI 02919

NOTICE

Re: Illicit and/or Unauthorized Drainage Connection or Discharge to RIDOT Drainage System located at:
228 Putnam Pike, Johnston, RI (Assessor's Plat: 41, Lot: 31)

Dear Property Owner:

The purpose of this Notice is to inform you of a suspected illicit and/or unauthorized drainage connection to the Rhode Island Department of Transportation's drainage system from your property.

On August 8, 2014, a RIDOT contractor was inspecting the State drainage system with video inspection equipment and documented a non-RIDOT pipe connection at **228 Putnam Pike, Johnston, RI**. The connection occurs approximately 14-feet west of the catchbasin located at the intersection of Putnam Pike and Anglewood Avenue, directly in front of 228 Putnam Pike (photos attached).

Please be advised that RIDOT is preparing to replace the drainage pipe located in front of your property; at the time of replacement, unauthorized and/or illicit connections will not be reconnected.

This unauthorized connection appears to be in violation of the Rhode Island General Law § 46-12-5 – *Water Pollution*, Rhode Island General Law § 24-8-33 – *Connection into drainage system*, and the Town of Johnston Ordinance *Chapter 298 – Stormwater Management* (attached for your reference). RIDOT strictly prohibits unauthorized connections and discharges into the State's drainage system. This prohibition expressly includes, without limitation, connections made in the past without first obtaining written authorization from the Department, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection. Any such connection or discharge must be either permitted by RIDOT or immediately disconnected/sealed.

You have forty-five (45) days from the date of this letter to provide written notification to: (1) apply for a tie-in permit; (2) propose a schedule for the removal of the discharge; or (3) produce a copy of a valid, pre-existing drainage tie-in permit. Should no response be received within 45-days, the matter will be forwarded to the Rhode Island Department of Environmental Management, Office of Compliance and Inspection for enforcement. This may include fines or penalties, authorized by the Federal Clean Water Act, of up to \$25,000 for each day during which the violation occurs. A form has been attached for your convenience.

To: F. Goncalves
From: J. Baker
Subject: Connection to State Drainage System
Date: 4/21/15

Please be aware that applying for a tie-in permit does not guarantee being granted one and a review will be performed in order to determine if the connection or discharge should be permitted. At a minimum, **RIDOT will require proof that the connection is either solely stormwater or an allowable non-stormwater discharge. Any costs associated with producing acceptable documentation are the sole responsibility of the applicant.** The application form may be found at:

http://www.dot.ri.gov/documents/doingbusiness/permits/PAPA_Application.pdf

In the case of a pre-existing permit, RIDOT will consider maintaining the connection if the property owner can provide proof that the connection was made in accordance with the permit. Unless otherwise expressly stated in RIDOT's written authorization, all discharges entering the State's drainage system must be comprised solely of stormwater, and/or an allowable non-stormwater discharge as defined under the Rhode Island Pollutant Discharge Elimination System (RIPDES) General Permit for Stormwater Discharge from Small Municipal Separate Storm Sewer Systems. If the connection to the state drainage system is grey water or sewage, Federal and State laws prohibit the discharge from continuing.

Thank you for your anticipated cooperation in resolving this matter. If you have any questions, please contact Joseph Bucci, P.E., Deputy Administrator, at 401-734-4805 at your earliest convenience within the 45-day period. Please mail correspondence to:

Joseph Bucci, PE
Department of Transportation
Division of Highway and Bridge Maintenance
360 Lincoln Ave
Warwick, RI 02888

Sincerely,

Joseph D. Baker, P.E.
RIDOT Administrator, Highway and Bridge Maintenance Division

Attachments: 8/8/2014 photo documentation of connection; Applicable State & local laws;
Property Owner Response Form

cc:

RIDOT: Alвити, Baker, Farhoumand, Hamel, Healey, Jacques, Palumbo
RIDEM: Patrick Hogan, Office of Compliance & Inspection; David Chopy, Office of Compliance & Inspection;
Eric Beck, RIPDES Permitting Program
Town of Johnston Department of Public Works: Arnold Vecchione, Director
Mr. Fernando J. Goncalves (regular mail)

To: F. Goncalves
From: J. Baker
Subject: Connection to State Drainage System
Date: 4/21/15

Property: 228 Putnam Pike, Johnston, RI

Owner: Fernando Gancalves, 239 Greenville Ave, Johnston, RI 02919





FREDERICKSON CONSTRUCTION LLC.

1051 CHOPMIST HILL ROAD NO. SCITUATE, RI 02857

DATE: May 15, 2015

Dear Mr. Bucci

As per are conversation on 228 Putnam Pike, Johnston, RI in regards to a non-RIDOT connection. Frederickson Construction sent a camera down the RIDOT pipe and found there was a 4" black orange burg piece of perforated pipe in the said location. At this time Frederickson Construction inspected the septic at the location and found the water level in the system was great than 4' higher than the 4" pipe in the RIDOT'S pipe. The system was then pump and inspected Frederickson Construction found only one white 4" pvc leaving the system, so the camera was sent down the line. The line left the system going east for 6' then to a tee and going north and south for 10', each 10' piece was white perforated pvc. Frederickson Construction also ran water into all the down spot drains and found them all exiting on the surface, out of a 6" pvc located at the north east corner of the property. After inspecting the property, drains line and septic and gutter lines there are no pipe at this time leaving the property and ending up in the RIDOT pipe. Buy the age of the pipe in the pictures, it may at one time done something but not at this time is any water being direct there.

Sincerely,

Howard Frederickson
Frederickson Construction LLC.









Powered by Vision Government Solutions, Inc.



Map-Lot-Unit : 41 / 31 / 1
 Location: 228 PUTNAM AVE
 Owner Name: FIRST EVERGREEN PROPERTIES LLC
 Account Number: 06-3525-00

Parcel Value

Item	Assessed Value
Buildings	244,300
Xtra Bldg Features	0
Outbuildings	5,900
Land	130,900
Total:	381,100

Owner of Record

FIRST EVERGREEN PROPERTIES LLC

Ownership History

Owner Name	Book/Page	Sale Date	Sale Price
FIRST EVERGREEN PROPERTIES LLC	2190/ 44	2/3/2012	0
ASH RONALD M JR	724/ 164	11/12/1998	150,000
APEX MORTGAGE CORP	720/ 201	10/27/1998	125,000
CLINTON SUPPLY CORP	92/ 28	3/10/1960	0

Land Line Valuation

Size	Zone	Assessed Value
0.36 AC	E2	130,900

Construction Detail

Building # 1		
STYLE Commercial	MODEL Commercial	Grade Average
Stories: 1	Occupancy 3	Roof Cover Tar & Gravel
Interior Wall 2 Minim/Masonry	Interior Floor 1 Carpet	Interior Floor 2 Concr-Finished
Heating Fuel Oil	Heating Type Forced Air-Duc	Bldg Use LRG BUSNSS MDL-94
Total Bedrms 00	Heat/AC NONE	Frame Type WOOD FRAME
Baths/Plumbing AVERAGE	Ceiling/Wall SUS-CEIL & WL	Wall Height 9

Building Valuation

Living Area: 6,648 square feet Year Built: 1957 Depreciation: 34%
 Building Value: 244,300

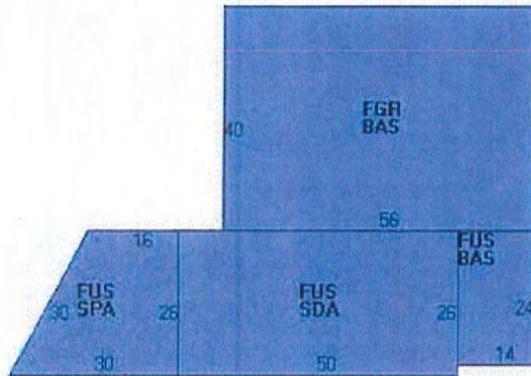
Extra Features

Code	Description	Units
	No Extra Building Features	

Outbuildings

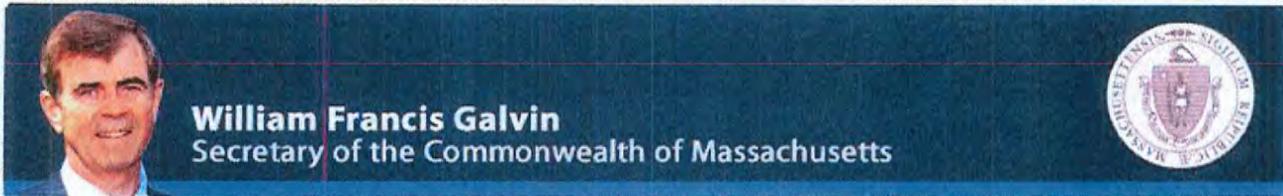
Code	Description	Units
PAV1	PAVING-ASPHALT	4000 S.F.
SGN2	DOUBLE SIDED	30 S.F.&HGT
FN3	FENCE-6' CHAIN	140 L.F.

Building Sketch



Subarea Summary

Code	Description	Gross Area	Living Area
BAS	First Floor	2576	2576
FGR	Garage	2240	0
FUS	Upper Story, Finished	2234	2234
SDA	Store Display Area	1300	1300
SPA	Service Production Area	598	538



Corporations Division

Business Entity Summary

ID Number: 000982188

[Request certificate](#)

[New search](#)

Summary for: **FIRST EVERGREEN PROPERTIES LLC**

The exact name of the Domestic Limited Liability Company (LLC): FIRST EVERGREEN PROPERTIES LLC

Entity type: Domestic Limited Liability Company (LLC)

Identification Number: 000982188

Date of Organization in Massachusetts:
07-15-2008

Last date certain:

The location or address where the records are maintained (A PO box is not a valid location or address):

Address: 36 SUMMER ST SS3-2

City or town, State, Zip code, NATICK, MA 01760 USA
Country:

The name and address of the Resident Agent:

Name: SUSAN T. RICHARDS

Address: 36 SUMMER ST.

City or town, State, Zip code, NATICK, MA 01760 USA
Country:

The name and business address of each Manager:

Title	Individual name	Address
MANAGER	ROBERT LAVELLE	36 SUMMER ST SS3-2 NATICK, MA 01760 USA
MANAGER	DAVID R. KELLER	36 SUMMER ST SS3-2 NATICK, MA 01760 USA
MANAGER	SUSAN M. WASSMUS	36 SUMMER ST SS3-2 NATICK, MA 01760 USA
MANAGER	MICHAEL O'RIORDAN	36 SUMMER ST SS3-2 NATICK, MA 01760 USA

In addition to the manager(s), the name and business address of the person(s) authorized to execute documents to be filed with the Corporations Division:

Title	Individual name	Address
SOC SIGNATORY	DAVID R. KELLER	36 SUMMER ST SS3-2 NATICK, MA 01760 USA
SOC SIGNATORY	JOHN R. HEERWAGEN	6 MAIN ST. NATICK, MA 01760 USA

The name and business address of the person(s) authorized to execute, acknowledge, deliver, and record any recordable instrument purporting to affect an interest in real property:

Title	Individual name	Address
REAL PROPERTY	SUSAN M. WASSMUS	36 SUMMER ST SS3-2 NATICK, MA 01760 USA
REAL PROPERTY	ROBERT F. LAVELLE	36 SUMMER ST SS3-2 NATICK, MA 01760 USA
REAL PROPERTY	MICHAEL O'RIORDAN	36 SUMMER ST SS3-2 NATICK, MA 01760 USA
REAL PROPERTY	DAVID R. KELLER	36 SUMMER ST SS3-2 NATICK, MA 01760 USA

Consent
 Confidential Data
 Merger Allowed
 Manufacturing

View filings for this business entity:

- All Filings
- Annual Report
- Annual Report - Professional
- Articles of Entity Conversion
- Certificate of Amendment
- Certificate of Consolidation

[View filings](#)

Comments or notes associated with this business entity:

[New search](#)



Department of Transportation
Division of Highway and Bridge Maintenance
360 Lincoln Avenue
Warwick, RI 02888

**PROPERTY OWNER RESPONSE
TO NOTICE OF POTENTIAL CONNECTION
TO RIDOT DRAINAGE SYSTEM**

Property Owner: GIOVANNI Conti

Property: Address: 230 Putnam Pike
Johnston RI

Assessor's Plat: 41 Lot: 32

For this property, the property owner will:

Apply for a tie-in permit by submitting a Physical Alteration Permit Application

Comment: _____

Propose a schedule for the removal of the discharge

Comment: _____

Produce a copy of a valid, pre-existing drainage tie-in permit

Comment: _____

I believe there is no connection, however, I understand if there is a connection found at the time of Construction, I will be responsible for expedited action to resolve any issues.

Comment: I have owned this property over 10 years, and I have never
connected to my drainage line. I called Mr. Joseph Bozzi and
discussed any possible past connections, and we have no idea what, if any,
connections there may be. My gutters discharge on my grass, I do not
have my driveway grate, I do not have any other use for my drainage.

Property owner -- please sign & print name, and date

Signed: [Signature]

Date: 5/4/15

Print Name: Giovanni Conti



Department of Transportation
Two Capitol Hill
Providence, RI 02903

Office 401-222-2450
Fax 401-222-3905

April 16
~~March 25~~, 2015

CERTIFIED MAIL – RETURN RECEIPT REQUESTED #

Giovanni D. Conti
98 Brown Avenue
Johnston, RI 02919

Re: Potential Illicit and/or Unauthorized Drainage Connection or Discharge to RIDOT Drainage System
located at: **230 Putnam Pike, Johnston, RI (Assessor's Plat: 41, Lot: 32)**

Dear Property Owner:

The purpose of this letter is to inform you, as owner of the above-referenced property, of a suspected connection or discharge to the Rhode Island Department of Transportation's drainage system without a properly issued Physical Alteration Permit (tie-in permit) in close proximity to your property.

On August 8, 2014, a RIDOT contractor was inspecting the State drainage system on Route 44 (Putnam Pike) in Johnston, RI with video inspection equipment. At that time, the entire drainage system could not be inspected due to the deterioration of the pipe and it could not be determined if any non-RIDOT pipe connections exist that are associated with your property. However, several non-RIDOT pipe connections were found in close proximity to your property. Please be advised that RIDOT is preparing to replace the drainage pipe located in front of your property between Anglewood Ave and the Smithfield/Johnston Town Line; at the time of replacement, unauthorized and/or illicit connections will not be reconnected.

Illicit and/or unauthorized connections to the State drainage system are in violation of the Rhode Island General Law § 46-12-5 – Water Pollution, Rhode Island General Law § 24-8-33 - Connection into drainage system, and the Town of Johnston Ordinance Chapter 298 – Stormwater Management (attached for your reference). RIDOT strictly prohibits unauthorized connections and discharges into the State's drainage system. This prohibition expressly includes, without limitation, connections made in the past without first obtaining written authorization from the Department, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection. Any such connection or discharge must be either permitted by RIDOT or immediately disconnected/sealed.

You have forty-five (45) days from the date of this notification to contact the person listed below to : (1) apply for a tie-in permit for a known connection; (2) propose a schedule for the removal of the discharge from a known connection; or (3) produce a copy of a valid, pre-existing drainage tie-in permit. If your property does not have any physical connection to the State Drainage System, you do not need to take any action.

Please be aware that applying for a tie-in permit does not guarantee being granted one and an internal review will be performed in order to determine if the connection or discharge should be permitted. At a minimum, **RIDOT will require proof that the connection is either solely stormwater or an allowable non-stormwater discharge.**

In the case of a pre-existing permit, RIDOT will consider maintaining the connection if the property owner can provide proof that the connection was made in accordance with the permit. Unless otherwise expressly stated in RIDOT's written authorization, all discharges entering the State's drainage system must be comprised solely of stormwater, and/or an allowable non-stormwater discharge as defined under the Rhode Island Pollutant Discharge Elimination System (RIPDES) General Permit for Stormwater Discharge from Small Municipal Separate Storm Sewer Systems. If the connection to the state drainage system is grey water or sewage, Federal and State laws prohibit the discharge from continuing.

Thank you for your anticipated cooperation in resolving this matter. Please contact Joseph Bucci, P.E., Deputy Administrator, at 734-4805 at your earliest convenience within the 45-day period.

Sincerely,

Joseph D. Baker, PE
RIDOT Administrator, Highway and Bridge Maintenance Division

Attachment: Applicable State & local laws

cc:

RIDOT: Hamel, Healey, Palumbo, Farhoumand, Jacques, Baker, Alviti
RIDEM: Patrick Hogan, Office of Compliance & Inspection; David Chopy, Office of Compliance & Inspection; Eric Beck, RIPDES Permitting Program
Town of Johnston Department of Public Works: Arnold Vecchione, Director
Mr. Giovanni D. Conti



Department of Transportation
Division of Highway and Bridge Maintenance
360 Lincoln Avenue
Warwick, RI 02888

April 16, 2015

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Mr. Richard D. Delgiudice
68 Sumter Street
Providence, RI 02907

NOTICE

Re: **Illicit and/or Unauthorized Drainage Connection or Discharge to RIDOT Drainage System located at:
234 Putnam Pike, Johnston, RI (Assessor's Plat: 41, Lots: 33 and 138)**

Dear Property Owner:

The purpose of this Notice is to inform you of a suspected illicit and/or unauthorized drainage connection to the Rhode Island Department of Transportation's drainage system from your property.

On August 8, 2014, a RIDOT contractor was inspecting the State drainage system with video inspection equipment and documented a non-RIDOT pipe connection at **234 Putnam Pike, Johnston, RI**. The connection occurs in a manhole adjacent to the catch basin located in front of 234 Putnam Pike (photos attached).

Please be advised that RIDOT is preparing to replace the drainage pipe located in front of your property; at the time of replacement, unauthorized and/or illicit connections will not be reconnected.

This unauthorized connection appears to be in violation of the Rhode Island General Law § 46-12-5 – *Water Pollution*, Rhode Island General Law § 24-8-33 - *Connection into drainage system*, and the Town of Johnston Ordinance *Chapter 298 – Stormwater Management* (attached for your reference). RIDOT strictly prohibits unauthorized connections and discharges into the State's drainage system. This prohibition expressly includes, without limitation, connections made in the past without first obtaining written authorization from the Department, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection. Any such connection or discharge must be either permitted by RIDOT or immediately disconnected/sealed.

You have forty-five (45) days from the date of this letter to provide written notification to: (1) apply for a tie-in permit; (2) propose a schedule for the removal of the discharge; or (3) produce a copy of a valid, pre-existing drainage tie-in permit. Should no response be received within 45-days, the matter will be forwarded to the Rhode Island Department of Environmental Management, Office of Compliance and Inspection for enforcement. This may include fines or penalties, authorized by the Federal Clean Water Act, of up to \$25,000 for each day during which the violation occurs. A form has been attached for your convenience.

To: R. Delgiudice
From: J. Baker
Subject: Connection to State Drainage System
Date: 4/21/15

Please be aware that applying for a tie-in permit does not guarantee being granted one and a review will be performed in order to determine if the connection or discharge should be permitted. At a minimum, **RIDOT will require proof that the connection is either solely stormwater or an allowable non-stormwater discharge. Any costs associated with producing acceptable documentation are the sole responsibility of the applicant.** The application form may be found at:

http://www.dot.ri.gov/documents/doingbusiness/permits/PAPA_Application.pdf

In the case of a pre-existing permit, RIDOT will consider maintaining the connection if the property owner can provide proof that the connection was made in accordance with the permit. Unless otherwise expressly stated in RIDOT's written authorization, all discharges entering the State's drainage system must be comprised solely of stormwater, and/or an allowable non-stormwater discharge as defined under the Rhode Island Pollutant Discharge Elimination System (RIPDES) General Permit for Stormwater Discharge from Small Municipal Separate Storm Sewer Systems. If the connection to the state drainage system is grey water or sewage, Federal and State laws prohibit the discharge from continuing.

Thank you for your anticipated cooperation in resolving this matter. If you have any questions, please contact Joseph Bucci, P.E., Deputy Administrator, at 401-734-4805 at your earliest convenience within the 45-day period. Please mail correspondence to:

Joseph Bucci, PE
Department of Transportation
Division of Highway and Bridge Maintenance
360 Lincoln Ave
Warwick, RI 02888

Sincerely,

Joseph D. Baker, P.E.
RIDOT Administrator, Highway and Bridge Maintenance Division

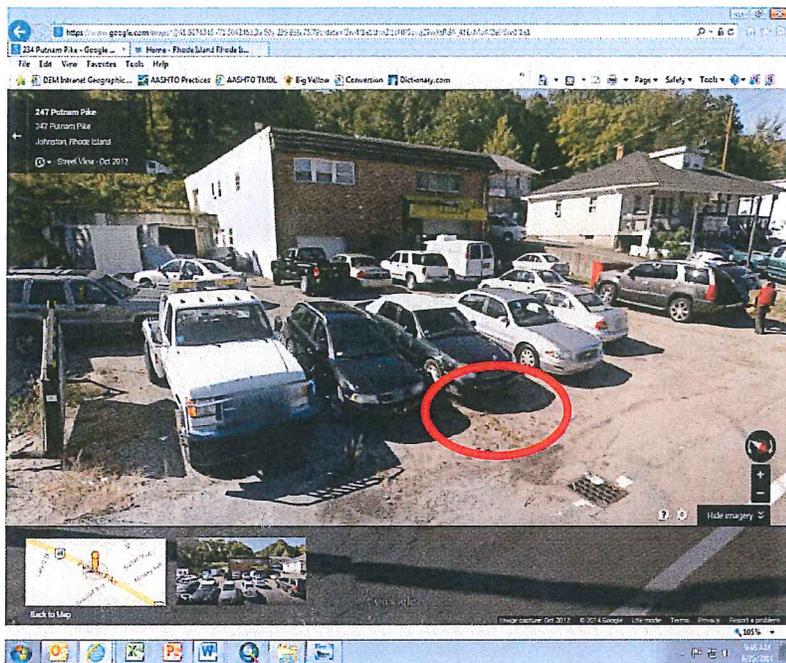
Attachments: 12/3/2014 photo documentation of connection; Applicable State & local laws;
Property Owner Response Form

cc: RIDOT: Alviti, Baker, Farhoumand, Hamel, Healey, Jacques, Palumbo
RIDEM: Patrick Hogan, Office of Compliance & Inspection; David Chopy, Office of Compliance & Inspection;
Eric Beck, RIPDES Permitting Program
Town of Johnston Department of Public Works: Arnold Vecchione, Director
Mr. Richard D. Delgiudice (regular mail)

Property: **234 Putnam Pike, Johnston, RI**
Owner: Richard Delgiudice, 68 Sumter St, Providence, RI 02907

To: R. Delgiudice
From: J. Baker
Subject: Connection to State Drainage System
Date: 4/21/15

Connection found in manhole behind the catch basin grate at 234 Putnam Pike



Rec'd 1/19/16



Department of Transportation
Division of Highway and Bridge Maintenance
360 Lincoln Avenue
Warwick, RI 02888

**PROPERTY OWNER RESPONSE
TO NOTICE OF POTENTIAL CONNECTION
TO RIDOT DRAINAGE SYSTEM**

(Eddy)
Property Owner: DA XIANG ZHENG

Property Address: 164-172 Pascoag main st Assessor's Plat: Lot:
Pascoag R2 02889

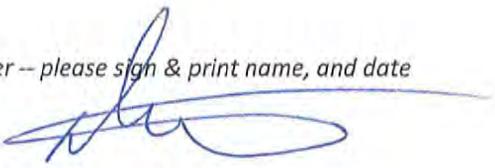
For this property, the property owner will:

Apply for a tie-in permit by submitting a Physical Alteration Permit Application
Comment: _____

Propose a schedule for the removal of the discharge
Comment: _____

Produce a copy of a valid, pre-existing drainage tie-in permit
Comment: _____

I believe there is no connection, however, I understand if there is a connection found at the time of construction, I will be responsible for expedited action to resolve any issues.
Comment: _____

Property owner -- please sign & print name, and date
Signed: 

Date: 1/15/16

Print Name: DA XIANG ZHENG



Department of Transportation
Division of Highway and Bridge Maintenance
360 Lincoln Avenue
Warwick, RI 02888

December 8, 2015

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Zheng Da Ziang & Dan Qin Lin
560 South Main Street
Pascoag, RI 02859

NOTICE

Re: Illicit and/or Unauthorized Drainage Connections or Discharges to RIDOT Drainage System located at:
164-170 Pascoag Main Street, Pascoag, RI (Plat 175/Lot 24)

Dear Property Owner:

The purpose of this Notice is to inform you of suspected illicit and/or unauthorized drainage connections to the Rhode Island Department of Transportation's drainage system from your property.

During the preliminary design of the Route 107 project, a RIDOT contractor was inspecting the State drainage system with video inspection equipment and documented two non-RIDOT pipe connections at **164-170 Pascoag Main Street, Pascoag, RI (Plat 175/Lot 24)**. One connection is directly into the State's outfall pipe. The other discharge (PVC pipe) is adjacent to the State's outfall pipe (photos attached).

Please be advised that RIDOT is preparing to line the first pipe, that is directly into the State's outfall pipe, with a Cure In Place Pipe. At the time of the lining, unauthorized and/or illicit connections will not be reconnected. There is no state work proposed that would affect the second pipe, adjacent to the State's outfall pipe.

This unauthorized connection appears to be in violation of the Rhode Island General Law § 46-12-5 – *Water Pollution*, Rhode Island General Law § 24-8-33 – *Connection into drainage system*, and the Town of Burrillville Ordinance *ARTICLE VI. - PROHIBITION OF ILLICIT DISCHARGES* (attached for your reference). RIDOT strictly prohibits unauthorized connections and discharges into the State's drainage system. This prohibition expressly includes, without limitation, connections made in the past without first obtaining written authorization from the Department, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection. Any such connection or discharge must be either permitted by RIDOT or immediately disconnected/sealed.

You have forty-five (45) days from the date of this letter to provide written notification to: (1) apply for a tie-in permit; (2) propose a schedule for the removal of the discharge; or (3) produce a copy of a valid, pre-existing drainage tie-in permit. Should no response be received within 45-days, the matter will be forwarded to the Rhode Island Department of Environmental Management, Office of Compliance and Inspection for enforcement. This may include fines or penalties, authorized by the Federal Clean Water Act, of up to \$25,000 for each day during

To: Zheng Da Ziang & Dan Qin Lin
From: J. Bucci
Subject: Connection to State Drainage System
Date: 12/08/15

which the violation occurs. A form has been attached for your convenience.

Please be aware that applying for a tie-in permit does not guarantee being granted one and a review will be performed in order to determine if the connection or discharge should be permitted. At a minimum, RIDOT will require proof that the connection is either solely stormwater or an allowable non-stormwater discharge. Any costs associated with producing acceptable documentation are the sole responsibility of the applicant. The application form may be found at:

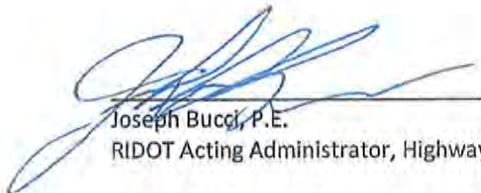
http://www.dot.ri.gov/documents/doingbusiness/permits/PAPA_Application.pdf

In the case of a pre-existing permit, RIDOT will consider maintaining the connection if the property owner can provide proof that the connection was made in accordance with the permit. Unless otherwise expressly stated in RIDOT's written authorization, all discharges entering the State's drainage system must be comprised solely of stormwater, and/or an allowable non-stormwater discharge as defined under the Rhode Island Pollutant Discharge Elimination System (RIPDES) General Permit for Stormwater Discharge from Small Municipal Separate Storm Sewer Systems. If the connection to the state drainage system is grey water or sewage, Federal and State laws prohibit the discharge from continuing.

Thank you for your anticipated cooperation in resolving this matter. If you have any questions, please contact Joseph Bucci, P.E., Deputy Administrator, at 401-734-4805 at your earliest convenience within the 45-day period. Please mail correspondence to:

Joseph Bucci, PE
Department of Transportation
Division of Highway and Bridge Maintenance
360 Lincoln Ave
Warwick, RI 02888

Sincerely,



Joseph Bucci, P.E.
RIDOT Acting Administrator, Highway and Bridge Maintenance Division

Attachments: photo documentation of connection; Applicable State & local laws;
Property Owner Response Form

cc: RIDOT: Alviti, Baker, Bucci, Hamel, Healey, Jacques, Palumbo (all w/o attachments)
RIDEM: Patrick Hogan, Office of Compliance & Inspection; David Chopy, Office of Compliance & Inspection;
Eric Beck, RIPDES Permitting Program (w/attachments)
Town of Burrillville Department of Public Works: Jeffrey McCormick (Director) (w/attachments)
Zheng Da Ziang & Dan Qin Lin (regular mail)

Property: 164-170 Pascoag Main Street, Pascoag, RI
Owners: Zheng Da Ziang & Dan Qin Lin, 560 South Main Street, Pascoag, RI 02859

To: Zheng Da Ziang & Dan Qin Lin
From: J. Bucci
Subject: Connection to State Drainage System
Date: 12/08/15

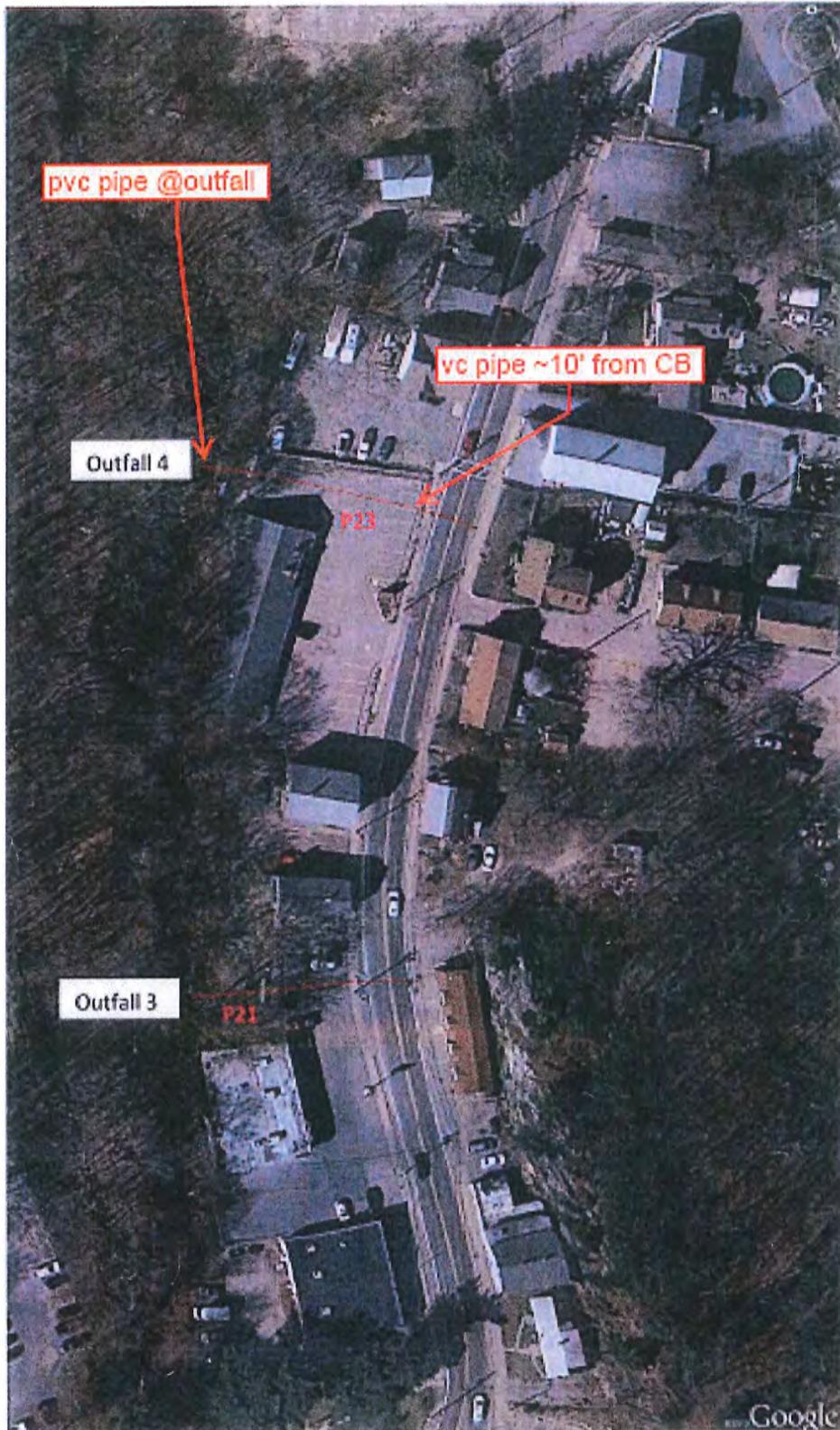


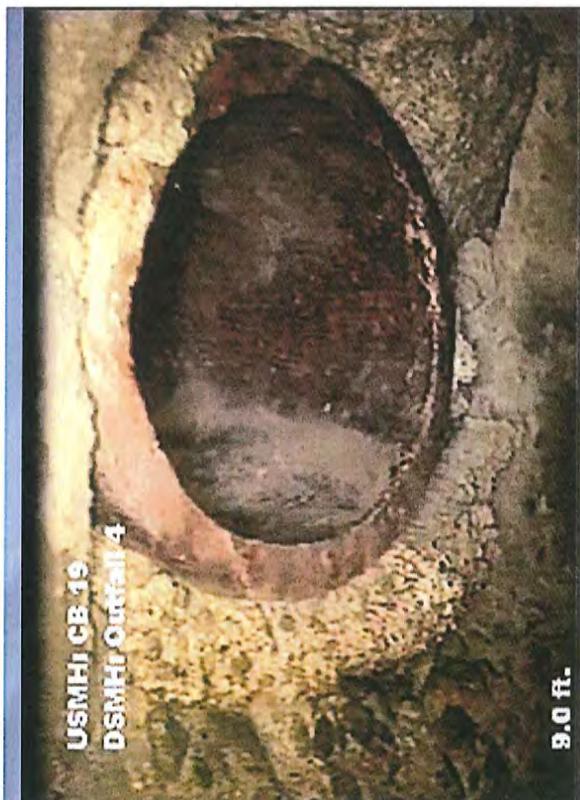
FIGURE 1: Location of illicit/unauthorized connection and discharge

To: Zheng Da Ziang & Dan Qin Lin
From: J. Bucci
Subject: Connection to State Drainage System
Date: 12/08/15

Connection that is directly into the State's outfall pipe:



PHOTO 1: View of pipe interior approaching tie-in



PHOTOS 2 & 3: Close up approaching and at tie-in

To: Zheng Da Ziang & Dan Qin Lin
From: J. Bucci
Subject: Connection to State Drainage System
Date: 12/08/15

Connection that is adjacent to the State's outfall pipe (PVC pipe):

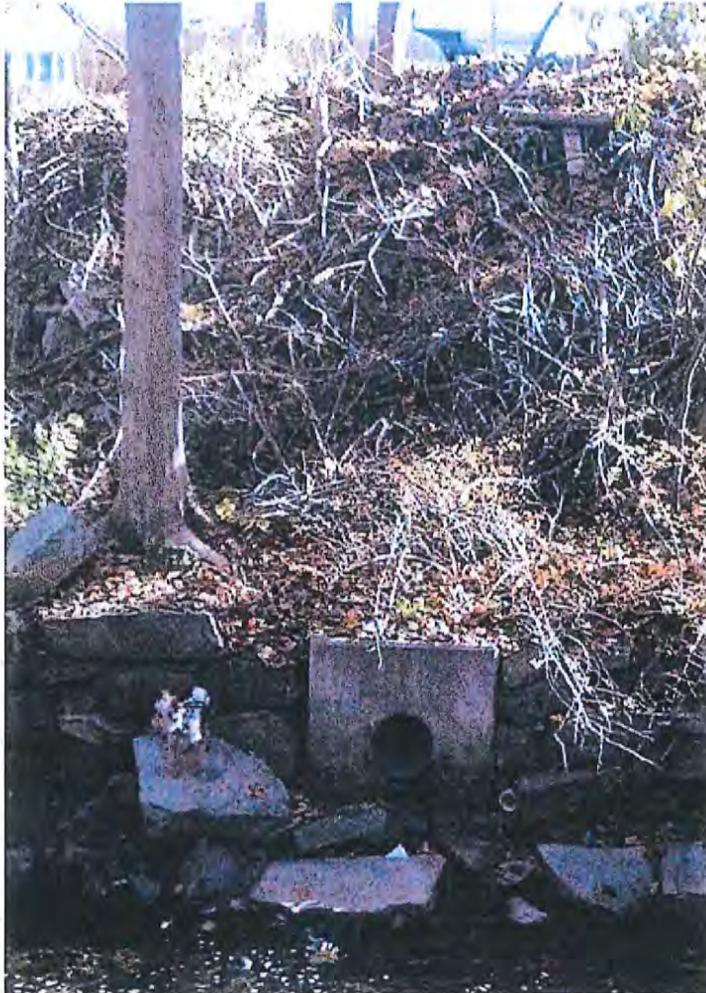


FIGURE 2: Outfall 4 (P23) from catch basin (CB) 19

Applicable State & Local statutes & ordinances

Burrillville: (https://www.municode.com/library/ri/burrillville/codes/code_of_ordinances?nodeId=PTIIREGEOR_CH12EN_ARTVPOCOSTCO_S12-151STMPL)

Sec. 12-171. - Illicit discharge and illicit connections.

(a) Prohibition of illicit discharges. Non-stormwater discharge is expressly prohibited from entering the municipal storm sewer system, unless the discharge has received all required federal, state and local permits including the Rhode Island Pollutant Discharge Elimination System (RIPDES) or is included in one of the following categories of discharges: discharges which result from the wash down of vehicles at retail dealers selling new and used automobiles where no detergents are used and individual residential car washing; external building wash down where no detergents are used; the use of water to control dust; fire fighting activities; fire hydrant flushing; natural springs; uncontaminated groundwater; dechlorinated pool discharges; air conditioning condensate; lawn watering; potable water sources including waterline flushing; irrigation drainage; pavement wash waters where spills or leaks

To: Zheng Da Ziang & Dan Qin Lin
From: J. Bucci
Subject: Connection to State Drainage System
Date: 12/08/15

of toxic or hazardous materials have not occurred (unless all spilled materials have been removed) and where detergents are not used; discharges from foundation or footing drains where flows are not contaminated with process materials such as solvents, or contaminated by contact with soils where spills or leaks of toxic or hazardous materials have occurred; uncontaminated utility vault dewatering; dechlorinated water line testing water; hydrostatic test water that does not contain any treatment chemicals and is not contaminated with process chemicals.

(b) Prohibition of illicit connections.

(1) The construction, use, maintenance or continued existence of illicit connections to the municipal storm sewer system is prohibited.

(2) This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection. A person is considered to be in violation of this article if the person connects a line conveying non-stormwater to the municipal storm sewer system or allows such a connection to continue.

(3) A person is in violation of this article if he/she connects a line conveying non-stormwater to the municipal storm sewer system, or allows such a connection to continue.

(Ord. of 8-27-2008(2))

RIDOT: (<http://webserver.rilin.state.ri.us/Statutes/TITLE24/24-8/24-8-33.HTM>)

Title 24 - Highways; Chapter 8 - Construction and Maintenance of State Roads;
Section 33 – Connection into drainage system

§ 24-8-33 Connection into drainage system. – *It shall be unlawful for any person, firm or corporation to make any connection into a state road drainage system, or to drain or pump water onto the travelled surface of a state highway without first obtaining written permission from the director of the state department of transportation. The director of the department of transportation is empowered to make and file rules and regulations which prescribe the conditions under which the permission shall be granted. The director shall render a decision within ninety (90) days of receipt of the request for permission. Any person, firm, or corporation convicted of violating this section shall be fined one hundred dollars (\$100).*

Rhode Island: (<http://webserver.rilin.state.ri.us/Statutes/TITLE46/46-12/46-12-5.HTM>)

Title 46 - Water Pollution; Chapter 12 - Waters and Navigation; Section 5 - Prohibitions

§ 46-12-5 Prohibitions. – *(a) It shall be unlawful for any person to place any pollutant in a location where it is likely to enter the waters or to place or cause to be placed any solid waste materials, junk, or debris of any kind whatsoever, organic or non organic, in any waters.*

(b) It shall be unlawful for any person to discharge any pollutant into the waters except as in compliance with the provisions of this chapter and any rules and regulations promulgated hereunder and pursuant to the terms and conditions of a permit.

(c) It shall be unlawful to construct or install any industrial, commercial, or other establishment, to make any modification or addition thereto, or to undertake any development which may result in the discharge of any pollutant into the waters of the state, unless the discharge is made to a system or means to prevent pollution approved by the director.

(d) Notwithstanding subsections (a) and (b) above, an applicant seeking a water quality certification from the department of environmental management in connection with the disposal of dredge material at a site as provided for in § 46-23-18.3 and in a manner consistent with a comprehensive program as provided for in § 46-23-6(1)(ii)(H), shall be granted said water quality certification if the department of environmental management determines that the proposal is consistent with the water quality standards adopted pursuant to § 46-12-3(24).



Department of Transportation
Division of Highway and Bridge Maintenance
360 Lincoln Avenue
Warwick, RI 02888

January 21, 2016

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Kathryn J. Cohan & James McNulty
485 Main Street
Pascoag, RI 02859

NOTICE

Re: Illicit and/or Unauthorized Drainage Connection or Discharge to RIDOT Drainage System located at:
485 Main Street, Pascoag, RI (Plat 158/Lot 25)

Dear Property Owner:

The purpose of this Notice is to inform you of a suspected illicit and/or unauthorized drainage connection to the Rhode Island Department of Transportation's drainage system from your property.

During the emergency repairs to the RIDOT roadway culvert a non-RIDOT pipe connection was documented at **485 Main Street, Pascoag, RI (Plat 158/Lot 25)**. The discharge pipe is connected to the waterway at the upstream end of the culvert that passes under Route 107(photos attached).

Please be advised that RIDOT is preparing to replace the culvert, but the upstream entrance will be relocated. The relocation will bury the end of this discharge pipe. At the time of replacement, unauthorized and/or illicit connections will not be reconnected.

This unauthorized connection appears to be in violation of the Rhode Island General Law § 46-12-5 – *Water Pollution*, Rhode Island General Law § 24-8-33 - *Connection into drainage system*, and the Town of Burrillville Ordinance *ARTICLE VI. - PROHIBITION OF ILLICIT DISCHARGES* (attached for your reference). RIDOT strictly prohibits unauthorized connections and discharges into the State's drainage system. This prohibition expressly includes, without limitation, connections made in the past without first obtaining written authorization from the Department, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection. Any such connection or discharge must be either permitted by RIDOT or immediately disconnected/sealed.

You have forty-five (45) days from the date of this letter to provide written notification to: (1) apply for a tie-in permit; (2) propose a schedule for the removal of the discharge; or (3) produce a copy of a valid, pre-existing drainage tie-in permit. Should no response be received within 45-days, the matter will be forwarded to the Rhode Island Department of Environmental Management, Office of Compliance and Inspection for enforcement. This may include fines or penalties, authorized by the Federal Clean Water Act, of up to \$25,000 for each day during

To: Kathryn J. Cohan & James McNulty
From: J. Bucci
Subject: Connection to State Drainage System
Date: 1/21/16

which the violation occurs. A form has been attached for your convenience.

Please be aware that applying for a tie-in permit does not guarantee being granted one and a review will be performed in order to determine if the connection or discharge should be permitted. At a minimum, RIDOT will require proof that the connection is either solely stormwater or an allowable non-stormwater discharge. Any costs associated with producing acceptable documentation are the sole responsibility of the applicant. The application form may be found at:

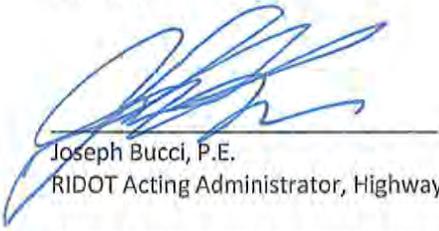
http://www.dot.ri.gov/documents/doingbusiness/permits/PAPA_Application.pdf

In the case of a pre-existing permit, RIDOT will consider maintaining the connection if the property owner can provide proof that the connection was made in accordance with the permit. Unless otherwise expressly stated in RIDOT's written authorization, all discharges entering the State's drainage system must be comprised solely of stormwater, and/or an allowable non-stormwater discharge as defined under the Rhode Island Pollutant Discharge Elimination System (RIPDES) General Permit for Stormwater Discharge from Small Municipal Separate Storm Sewer Systems. If the connection to the state drainage system is grey water or sewage, Federal and State laws prohibit the discharge from continuing.

Thank you for your anticipated cooperation in resolving this matter. If you have any questions, please contact Joseph Bucci, P.E., Acting Administrator, at 401-734-4805 at your earliest convenience within the 45-day period. Please mail correspondence to:

Joseph Bucci, PE
Department of Transportation
Division of Highway and Bridge Maintenance
360 Lincoln Ave
Warwick, RI 02888

Sincerely,



Joseph Bucci, P.E.
RIDOT Acting Administrator, Highway and Bridge Maintenance Division

Attachments: photo documentation of connection; Applicable State & local laws;
Property Owner Response Form

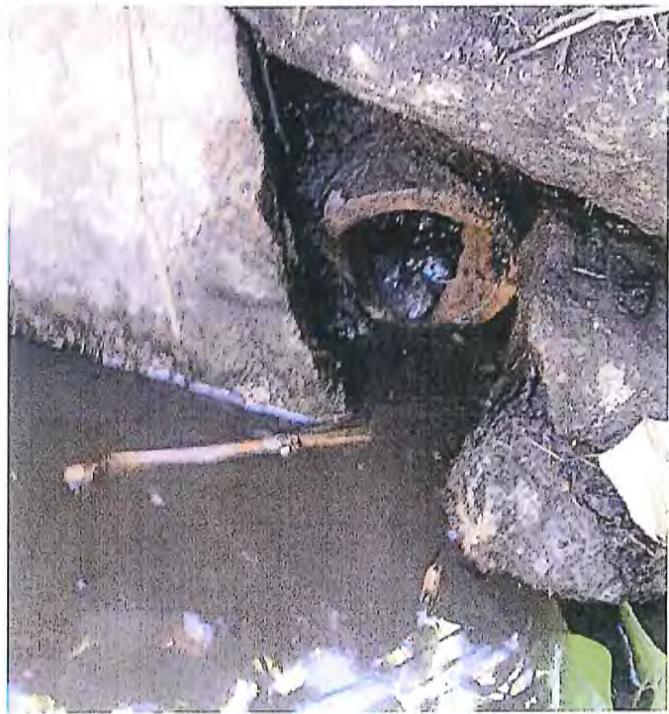
cc: RIDOT: Alviti, Bucci, Fish, Hamel, Healey, Ouellette, Jacques, Palumbo (all w/o attachments)
RIDEM: Patrick Hogan, Office of Compliance & Inspection; David Chopy, Office of Compliance & Inspection;
Eric Beck, RIPDES Permitting Program (w/attachments)
Town of Burrillville Department of Public Works: Jeffrey McCormick (Director) (w/attachments)
Kathryn J. Cohan & James McNulty (regular mail)

Property: 485 Main Street, Pascoag, RI (Plat 158/Lot 25)
Owner: Kathryn J. Cohan & James McNulty, 485 Main Street, Pascoag, RI 02859
The discharge pipe connected to the waterway at the upstream end of the culvert.

To: Kathryn J. Cohan & James McNulty
From: J. Bucci
Subject: Connection to State Drainage System
Date: 1/21/16



PHOTO 1: Entrance to culvert adjacent to driveway behind guardrail



PHOTOS 2 & 3: Pipe discharge through stone wingwall at upstream entrance to culvert

Applicable State & Local statutes & ordinances

Burrillville: (https://www.municode.com/library/ri/burrillville/codes/code_of_ordinances?nodeId=PTIIREGEOR_CH12EN_ARTVPOCOSTCO_S12-151STMAPL)

Sec. 12-171. - Illicit discharge and illicit connections.

To: Kathryn J. Cohan & James McNulty
From: J. Bucci
Subject: Connection to State Drainage System
Date: 1/21/16

(a) Prohibition of illicit discharges. Non-stormwater discharge is expressly prohibited from entering the municipal storm sewer system, unless the discharge has received all required federal, state and local permits including the Rhode Island Pollutant Discharge Elimination System (RIPDES) or is included in one of the following categories of discharges: discharges which result from the wash down of vehicles at retail dealers selling new and used automobiles where no detergents are used and individual residential car washing; external building wash down where no detergents are used; the use of water to control dust; fire fighting activities; fire hydrant flushing; natural springs; uncontaminated groundwater; dechlorinated pool discharges; air conditioning condensate; lawn watering; potable water sources including waterline flushing; irrigation drainage; pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled materials have been removed) and where detergents are not used; discharges from foundation or footing drains where flows are not contaminated with process materials such as solvents, or contaminated by contact with soils where spills or leaks of toxic or hazardous materials have occurred; uncontaminated utility vault dewatering; dechlorinated water line testing water; hydrostatic test water that does not contain any treatment chemicals and is not contaminated with process chemicals.

(b) Prohibition of illicit connections.

(1) The construction, use, maintenance or continued existence of illicit connections to the municipal storm sewer system is prohibited.

(2) This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection. A person is considered to be in violation of this article if the person connects a line conveying non-stormwater to the municipal storm sewer system or allows such a connection to continue.

(3) A person is in violation of this article if he/she connects a line conveying non-stormwater to the municipal storm sewer system, or allows such a connection to continue.

(Ord. of 8-27-2008/2)

RIDOT: (<http://webserver.rilin.state.ri.us/Statutes/TITLE24/24-8/24-8-33.HTM>)

Title 24 - Highways; Chapter 8 - Construction and Maintenance of State Roads; Section 33 - Connection into drainage system

§ 24-8-33 Connection into drainage system. – *It shall be unlawful for any person, firm or corporation to make any connection into a state road drainage system, or to drain or pump water onto the travelled surface of a state highway without first obtaining written permission from the director of the state department of transportation. The director of the department of transportation is empowered to make and file rules and regulations which prescribe the conditions under which the permission shall be granted. The director shall render a decision within ninety (90) days of receipt of the request for permission. Any person, firm, or corporation convicted of violating this section shall be fined one hundred dollars (\$100).*

Rhode Island: (<http://webserver.rilin.state.ri.us/Statutes/TITLE46/46-12/46-12-5.HTM>)

Title 46 - Water Pollution; Chapter 12 - Waters and Navigation; Section 5 - Prohibitions

§ 46-12-5 Prohibitions. – *(a) It shall be unlawful for any person to place any pollutant in a location where it is likely to enter the waters or to place or cause to be placed any solid waste materials, junk, or debris of any kind whatsoever, organic or non organic, in any waters.*

(b) It shall be unlawful for any person to discharge any pollutant into the waters except as in compliance with the provisions of this chapter and any rules and regulations promulgated hereunder and pursuant to the terms and conditions of a permit.

(c) It shall be unlawful to construct or install any industrial, commercial, or other establishment, to make any modification or addition thereto, or to undertake any development which may result in the discharge of any pollutant into the waters of the state, unless the discharge is made to a system or means to prevent pollution approved by the director.

(d) Notwithstanding subsections (a) and (b) above, an applicant seeking a water quality certification from the department of environmental management in connection with the disposal of dredge material at a site

To: Kathryn J. Cohan & James McNulty
From: J. Bucci
Subject: Connection to State Drainage System
Date: 1/21/16

as provided for in § 46-23-18.3 and in a manner consistent with a comprehensive program as provided for in § 46-23-6(1)(ii)(H), shall be granted said water quality certification if the department of environmental management determines that the proposal is consistent with the water quality standards adopted pursuant to § 46-12-3(24).



Department of Transportation
Division of Highway and Bridge Maintenance
360 Lincoln Avenue
Warwick, RI 02888

**PROPERTY OWNER RESPONSE
TO NOTICE OF ILLICIT/UNAUTHORIZED CONNECTION
TO RIDOT DRAINAGE SYSTEM**

Property Owner:

Property Address:

Assessor's Plat:

Lot:

For this property, the property owner will:

- Apply for a tie-in permit by submitting a Physical Alteration Permit Application**

Comment: _____

- Propose a schedule for the removal of the discharge**

Comment: _____

- Produce a copy of a valid, pre-existing drainage tie-in permit**

Comment: _____

Property owner -- please sign & print name, and date

Signed:

Date: _____

Print Name: _____

RIDOT Division of Highway & Bridge Maintenance

Sweeping Schedule and Activity Log

Highway	Start	End	Shoulder				Side-walk	Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp			
								0.00	Total
Post Rd	Rt 102	Rt 138		X				6.50	Belleville
Post Rd	Rt 138	Rt 102		X				6.50	Belleville
Arcadia Rd	Rt 102	Rt 2		X				5.00	Belleville
Post Rd	Indian Corner Rd	Stoney Fort Rd		X				10.00	Belleville
Cherry Hill Rd	Exeter Rd	Mill Pond Rd		X				3.00	Belleville
Arcadia Rd	Rail Road Ave	Yawgoo Valley Rd		X				3.00	Belleville
Airport Rd	Slocum Rd	Mill Pond Rd		X				1.00	Belleville
Greenville Ave	Indian Corner Rd	Rt 2		X				4.00	Belleville
Washington Road	Phillips St	Rt 3		X			X	9.00	Belleville
Middle Highway	Rt 3	Phillips St		X			X	9.00	Belleville
Nayatt Road	Tower Hill Rd	Rt 403		X	X		X	6.50	Belleville
Rumstick Road	Rt 403	Tower Hill Rd		X	X		X	6.50	Belleville
Massasoit Ave	Post Rd	Rt 2		X	X		X	5.00	Belleville
New Meadow Rd	Rt 2	Post Rd		X				5.00	Belleville
Willett Ave	Rt 102	Division St		X	X		X	5.50	Belleville
Metropolitian Pk Dr	Division St	Rt 102		X	X		X	5.50	Belleville
Bullocks Pt Ave	Post Rd	Frenchtown Rd		X			X	5.00	Belleville
Pawtucket Ave	Post Rd	End		X			X	7.00	Belleville
Pawtucket Ave	Mass Line	Rt 4	X					22.50	Belleville
Pawtucket Ave	Division St	Rt 4		X			X	6.00	Belleville
Pawtucket Ave	Rt 403	Forge Rd		X	X		X	4.00	Belleville
Pawtucket Ave	Forge Rd	Rt 403		X	X		X	4.00	Belleville
Pawtucket Ave	Division Rd	Rt 117		X			X	3.00	Belleville
Pawtucket Ave	Rt 117	Division Rd		X			X	3.00	Belleville
Veterans Mem Pk	Division St	Rt 117		X			X	2.50	Belleville
Henderson Bridge	Rt 117	Division St		X			X	2.50	Belleville
Wampanoag Tr	Bridgetown Rd	Marion Dr		X			X	3.00	Belleville
Warren Ave	Rt 138	Phillips St		X	X		X	3.40	Belleville
Highland Ave	Division St	117		X				5.00	Belleville
Waterman Ave	Kingstown Rd	Sunset Farm						2.50	Belleville
Taunton Ave	Boston Neck Rd	New Port Bridge	X	X				17.50	Belleville
Pleasant Street	Sunset Farm	Knowels Way		X			X	3.50	Belleville
Newman Ave	Knowels Way	Escape Rd		X			X	3.50	Belleville
Newport Ave EP	Bridgetown Rd	Beach St		X			X	6.50	Belleville
Newport Ave Pawt	Beach St	Bridgetown Rd		X				6.50	Belleville
Armistice Blvd	Dillions Rotary	Knowels Way		X			X	3.50	Belleville
Central Ave	Rt 1	High St		X				3.00	Belleville
Allens Ave	High St	Rt 138		X			X	5.00	Belleville
Narragansett Blvd	Main St	Kingstown Rd					X	1.70	Belleville
Route 114 South	Kingstown Rd	Cemetery Lane					X	0.30	Belleville
County Road Rt 114	Kingstown Rd	Main St		X				5.00	Belleville
Sowams Road	Boston Neck Rd	Point Judith Rd		X				5.00	Belleville
Barneyville Road	Point Juith Rd	Great Island Rd		X				2.00	Belleville
Sowams Road	High St	Morsefield Rd		X			X	8.00	Belleville
County Road Rt 114	Rt 4	Quonsett Point	X					9.20	Belleville
Wamp Trail	East Shore Rd	Walcott Ave		X			X	1.60	Belleville
E Shore Express	Canonacus Ave	Fort Weatherall		X			X	2.20	Belleville
Mink St & School St	Walcott Ave	South West Ave		X			X	1.40	Belleville
West Warwick Ave	Hamilton Ave	Narragansett Ave		X			X	1.20	Belleville
Robert St	Canonacus Ave	Summit Ave		X				8.40	Belleville
Legion Way	South West Ave	Beavertail Park		X				5.20	Belleville
Greenville Ave	Rt 4	Rt 10		X		X		12.50	Belleville
Nanaquacket Rd	Phillips St	Rt 138		X	X		X	3.40	Belleville
Main Rd	Jefferson Blvd	Mass Line		X		X		12.00	Belleville
G. Waterman Rd	Rt 1	Rt95 and back	X					16.00	Belleville
Bulgarmarsh Rd	Rt 4	Division St		X			X	6.40	Belleville

Highway	Start	End	Shoulder				Side-walk	Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp			
Highland Rd	First Ave	Rt 2 and Back		X	X		X	7.00	Belleville
Rt 2 (Exeter)	Rt 95	Oak Hill Rd		X		X		15.50	Belleville
U.S. 1	Rt 4	Quonsett Point		X		X		14.50	Belleville
Prosser Trail	Jamestown Bridge	Newport Bridge		X		X		11.00	Belleville
East Main Rd	Rt 4	Wakefield Exit	X		X			16.40	Belleville
								379.30	Belleville Total
Meeting house Rd	County Road	Nayatt Road		X			X	4.38	East Prov
Peckham Rd	Primrose Hill	Nayatt Road		X			X	4.90	East Prov
Simmons Rd	Washington Road	Rumstick Road		X			X	3.54	East Prov
Snell Rd	County Road	Nayatt Road		X			X	0.96	East Prov
South of Commons	County Road	New Meadow Rd		X			X	1.62	East Prov
Willow Ave	County Road	Mass Line		X			X	4.94	East Prov
Rt 2 (Exeter)	County Road	Pawtucket Ave		X			X	4.00	East Prov
Rt 44 Smithfield	Willett Ave	Bike Path		X			X	1.00	East Prov
Smith Ave	Creasant View	Pawtucket Ave		X			X	3.50	East Prov
U.S. 1	Willett Ave	Veterans Mem Pk		X			X	2.25	East Prov
South Rd	Veterans Mem Pk	Warren Ave		X			X	2.75	East Prov
Rt 44 Smithfield (Glocester)	Warren Ave	Taunton Ave		X			X	1.54	East Prov
W. Greenville Rd	Taunton Ave	Pleasant St		X			X	1.84	East Prov
Greenville Ave	Pleasant St	Newman Ave		X			X	1.08	East Prov
Rt 216	Newman Ave	Newport Ave		X			X	1.06	East Prov
Rt 216	Newport Ave	Pawt City Line		X			X	1.82	East Prov
Greenville Ave	Pawtucket Ave	Warren Ave		X				5.50	East Prov
Slocum Rd	No Broadway	Prov City Line		X		X		4.62	East Prov
Rail Road Ave	Pawtucket Ave	East Shore Exp		X			X	1.92	East Prov
Rt 44	Pawtucket Ave	Mass Line		X			X	2.08	East Prov
Greenville Ave	Warren Ave	Mass Line		X			X	0.58	East Prov
Smith Ave	Pawtucket Ave	Warren Ave		X			X	1.84	East Prov
Greenville Ave	Pawtucket Ave	Mass Line		X			X	0.96	East Prov
Tower St	Pawtucket Ave	Mass Line		X			X	0.75	East Prov
Watch Hill Rd	Pawtucket Ave	Mass Line		X			X	1.00	East Prov
Mill Pond Rd	Pawtucket Ave	Beverage Hill		X			X	1.66	East Prov
Bridge Rd	Beverage Hill	Mass Line		X			X	5.16	East Prov
EXeter Rd	Mc Hale Ct	Mass Line		X	X		X	2.90	East Prov
Rt 44	George Bennett	Mass Line		X			X	4.00	East Prov
Winsor Ave	Eddy Street	New York Ave		X			X	3.42	East Prov
Orchard Ave	Allens Ave	Cranston Line		X			X	0.70	East Prov
Hopkins Ave	195 Exit 7	Sowams Road		X				6.89	East Prov
U.S. 1	Willett Ave	Route 114 S		X			X	1.00	East Prov
Tower St	County Road	New Meadow Rd		X			X	2.16	East Prov
Oak St	Sowams Road	Mass Line		X				0.56	East Prov
Rt 102	New Meadow Rd	County Rd		X			X	2.16	East Prov
Rt 102	Sowams Road	Wamp Trail		X				2.63	East Prov
Pleasantview Ave	County Road	E Shore Exp		X				3.26	East Prov
Rt 44	Wamp Trail	Route 195 W		X				1.72	East Prov
Cedar Swamp Rd	Wamp Trail	Mass Line		X				0.50	East Prov
Pleasantview Ave	Exit 21	Off Ramp				X		0.42	East Prov
U.S. 1	Exit 22A	Off Ramp				X		0.28	East Prov
Granite St	Exit 22B	Off Ramp				X		0.94	East Prov
Granite St	Exit 22C	Off Ramp				X		0.72	East Prov
Post Rd	Exit 23	Off Ramp				X		0.24	East Prov
Post Rd	Exit 22A	Off Ramp				X		0.72	East Prov
Rt 116/Rt 6A (Scituate)	Exit 22B	Off Ramp				X		0.44	East Prov
Rt 116	Exit 22C	Off Ramp				X		0.64	East Prov
Rt 116	Memorial Blvd	On Ramp				X		0.84	East Prov
Tower St	Dean Street	On Ramp				X		0.28	East Prov
Tower St	Dean Street	On Ramp				X		0.36	East Prov
Oak St	To 95 South	Ramp				X		0.30	East Prov
Oak St	To 95 North	Ramp				X		0.82	East Prov
Old Post Rd	Pawtucket Ave	Broadway		X			X	1.24	East Prov
U.S. 1	Pawtucket Ave	Massasoit Ave		X			X	2.54	East Prov
Borden Ave	Pawtucket Ave	Waterman Ave		X			X	1.24	East Prov
Rt 116	Park & Ride							0.50	East Prov

Highway	Start	End	Shoulder				Side-walk	Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp			
Scituate Ave	Allens Ave	On Ramp				X		0.62	East Prov
Old Scituate Rd	Thurbers Ave	On Ramp				X		0.16	East Prov
East Ave	Exit 20	Off Ramp				X		0.35	East Prov
Beach St	Point Street	On Ramp				X			East Prov
Switch Rd	Atwells Ave	On Ramp				X		0.11	East Prov
North Switch Rd	Exit 21	Off Ramp				X		0.26	East Prov
Old Switch Rd	Exit 20	Off Ramp				X		0.53	East Prov
Mechanic St	Exit 19	Off Ramp				X			East Prov
Grantville EXt.	Point Street	On Ramp				X			East Prov
Frenchtown Rd	Exit 18	Off Ramp				X		0.30	East Prov
Pippen Orchard Rd	Thurbers Ave	On Ramp				X		0.26	East Prov
Rt 14	Eddy Street	Allens Ave		X	X			0.34	East Prov
Rt 44 Chepachet	Plain Street	On Ramp				X		0.23	East Prov
Rt 44	Charles St	On Ramp				X		0.26	East Prov
U.S. 1	Exit 24	Off Ramp				X		0.28	East Prov
Rt 91	Branch Ave	On Ramp		X		X		0.12	East Prov
Frenchtown Rd	Branch Ave	Exit 25		X				0.56	East Prov
Rt 2 (NK)	Exit 25	No. Main St		X		X		0.08	East Prov
Rt 12	Exit 25	Smithfield Ave		X		X		0.15	East Prov
U.S. 1	Smithfield Ave	On Ramp		X		X		0.21	East Prov
Rt 2 (NK)	Exit 26	Off Ramp				X		0.16	East Prov
Rt 14	Exit 27	Off Ramp		X		X		0.14	East Prov
Krazy Corners	School St	On Ramp		X		X		0.13	East Prov
Watch Hill Rd	Vernon St	On Ramp		X		X		0.40	East Prov
Suocotash Rd	Walcott St	On Ramp		X		X		0.17	East Prov
Valley Rd	Exit 29/Broadway	Off Ramp		X		X		0.17	East Prov
Devilsfoot Rd	Exit 29/Cottage	Off Ramp		X		X		0.11	East Prov
Rt 102	Exit 30/East St	Off Ramp		X		X		0.19	East Prov
Shore Rd	Fountain St	On Ramp				X		0.30	East Prov
U.S. 1	Exit 30/East St	Off Ramp				X		0.26	East Prov
Rt 100	Middle St	On Ramp				X		0.16	East Prov
Church St	Exit 29	Off Ramp		X		X		0.11	East Prov
Main St (Pascoag)	Broadway	On Ramp		X		X		0.13	East Prov
U.S. 1	Walcott St	On Ramp		X		X		0.07	East Prov
Forge Rd/lves Rd	Exit 27	Off Ramp		X		X		0.11	East Prov
Rt 44	Garden St	On Ramp		X		X		0.10	East Prov
Rt 3	Lonsdale Ave	On Ramp				X		0.26	East Prov
Rt 3	Exit 25	Off Ramp		X		X		0.16	East Prov
Wellstown Rd	Smithfield Ave	On Ramp				X		0.22	East Prov
Rt 216	Smith/Service Rd	On Ramp		X		X		0.37	East Prov
Rt 112	Exit 24	Off Ramp		X		X		0.13	East Prov
Old Shannock Rd	Branch Ave	On Ramp				X		0.32	East Prov
Shannock Village Rd	Exit 23	Off Ramp				X		0.24	East Prov
Twin River Rd	Charles St	No. Main St	X	X			X	0.36	East Prov
Rt 95	Randell St	Pawt City Line	X	X	X		X	5.96	East Prov
Rt 44	Exit 24	On Ramp	X			X		0.12	East Prov
U.S. 1	Branch Ave	Exit 25	X					0.56	East Prov
U.S. 1	Exit 25	North Main St	X			X		0.08	East Prov
Rt 91	Exit 25	Smithfield Ave	X			X		0.15	East Prov
Post Rd - Jerry Brown	Exit 27	Off Ramp	X			X		0.14	East Prov
Post Rd - Camp Fuller	School St	On Ramp	X			X		0.13	East Prov
Boyds Lane	Vernon St	On Ramp	X			X		0.40	East Prov
Chase Rd	Walcott St	On Ramp	X			X		0.17	East Prov
East Main Rd	Exit 29/Broadway	Off Ramp	X			X		0.17	East Prov
Mendon Rd	Exit 29/Cottege	Off Ramp	X			X		0.11	East Prov
Route 95	Exit 30/East St	Off Ramp	X			X		0.19	East Prov
Route 95	Exit 29	Off Ramp	X			X		0.11	East Prov
Route 95	Broadway	On Ramp	X			X		0.13	East Prov
Route 95	Walcott St	On Ramp	X			X		0.07	East Prov
Route 95	Exit 27	Off Ramp	X			X		0.11	East Prov
Route 95	Garden St	On Ramp	X			X		0.10	East Prov
Route 95	Exit 25	Off Ramp	X			X		0.16	East Prov
Route 95	Smithfield Ave	On Ramp	X			X		0.22	East Prov

Highway	Start	End	Shoulder					Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp	Side-walk		
Route 95	Smith/Service Rd	On Ramp	X			X		0.37	East Prov
Route 6	Exit 24	Off Ramp	X			X		0.13	East Prov
Route 6	Canal St	No Prov Line	X	X			X	5.36	East Prov
Route 6	E Shore EXpress	County Rd	X					3.26	East Prov
Route 6	County Rd	E Shore EXpress	X					3.26	East Prov
Warren Ave	Natick Ave	Post Rd		X				3.46	East Prov
Waterman Ave	Off Ramp	295 South				X		0.47	East Prov
Taunton Ave	Off Ramp	295 North				X		0.64	East Prov
Taunton Ave	On Ramp	Rt 37 East				X		0.64	East Prov
Rt 100	On Ramp	Rt 37 East				X		0.52	East Prov
Church St	Off Ramp	New London - S				X		0.54	East Prov
Walumn Lake Rd	On Ramp	Rt 37 East				X		0.46	East Prov
Shannock Rd	Off Ramp	New London - N				X		0.44	East Prov
Rt 3	On Ramp	Rt 37 East				X		0.52	East Prov
High St -Rt 216	Off Ramp	Pontiac Ave - S				X		0.38	East Prov
Laurel St	On Ramp	Rt 37 East				X		0.42	East Prov
Mendon Rd	On Ramp	Rt 37 East				X		0.32	East Prov
Rt 146	Off Ramp	Post Rd				X		0.40	East Prov
Buckhill Rd	Post Rd	Natick Ave	X					3.46	East Prov
								155.39	East Prov Total
Rt 44 Smithfield	W. Greenville Rd	Austin Ave					X	2.00	Glocester
Smith Ave	Rt 44	W. Greenville Rd					X	3.00	Glocester
Rt 44 Smithfield (Glocester)	Facility	Austin/W. Greenville		X				5.50	Glocester
W. Greenville Rd	Rt 44	Smith Ave		X				3.00	Glocester
Greenville Ave	Rt 44	Rt 5					X	2.80	Glocester
Rt 44	W. Greenville Rd	Rt 102 (Facility)		X				6.50	Glocester
Greenville Ave	Rt 5	Rt 44					X	2.80	Glocester
Smith Ave	Rt 44	W. Greenville Rd		X				3.00	Glocester
Greenville Ave	Rt 44	Rt 5		X				5.60	Glocester
Rt 44	Greenville Ave	Rt 5					X	2.80	Glocester
Winsor Ave	Greenville Ave	Rt 116		X				3.40	Glocester
Orchard Ave	Winsor Ave	Smith Ave		X				1.80	Glocester
Hopkins Ave	Winsor Ave	Rt 6		X				2.60	Glocester
Pleasantview Ave	Rt 44	Rt 104					X	5.00	Glocester
Rt 44	Greenville Ave	Rt 5		X				2.00	Glocester
Cedar Swamp Rd	Rt 44	Pleasantview Ave		X				2.00	Glocester
Pleasantview Ave	Rt 44	Rt 104		X				5.00	Glocester
Rt 116/Rt 6A (Scituate)	Rt 101	Rt 6					X	4.40	Glocester
Rt 116	Snakehill Rd	Rt 6A		X				4.60	Glocester
Rt 116	Rt 6A	Rt 14		X				10.80	Glocester
Rt 116	Rt 14	Rt 12		X				4.20	Glocester
Scituate Ave	Rt 116	Pippen Orchard Rd		X				4.20	Glocester
Old Scituate Rd	Scituate Ave	Rt 116		X				1.00	Glocester
Pippen Orchard Rd	Scituate Ave	Rt 14		X				3.20	Glocester
Rt 14	Pippen Orchard	Rt 116		X				2.50	Glocester
Rt 44 Chepachet	Rt 102	Reservoir Rd					X	3.20	Glocester
Rt 44	Pulaski Rd	Ct. Line					X	0.50	Glocester
Rt 12	Rt 116	Rt 102		X				14.40	Glocester
Rt 14	Rt 116	Rt102		X				7.30	Glocester
Krazy Corners	Rt 102	Rt 14		X	X			1.00	Glocester
Rt 102	Rt 14	Old Plainfield Pk		X				10.00	Glocester
Rt 100	Rt44	Rt 107					X	3.30	Glocester
Church St	Main St	Walumn Lake Rd					X	1.00	Glocester
Main St (Pascoag)	Church St	S. Main St					X	1.50	Glocester
Rt 44	Facility	Reservoir Rd		X				10.20	Glocester
Rt 44	Reservoir Rd	Ct. Line		X				12.40	Glocester
Rt 100	Rt 44	Rt 107		X				6.60	Glocester
Church St	Main St	Walumn Lake Rd		X				2.00	Glocester
Walumn Lake Rd	Church St	Mass Line		X				7.00	Glocester
Buckhill Rd	Walumn Lake Rd	Ct. Line		X				5.00	Glocester
Rt 6	Rt 295	Rt 10	X					8.80	Glocester
Old Walumn Lake Rd	Rt 100	Walumn Lake Rd		X				1.50	Glocester
Rt 107	St Patrick's Cemetary	Wipple Ave					X	4.30	Glocester

Highway	Start	End	Shoulder					Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp	Side-walk		
Calahan School St	Rt 98	Rt 96					X	1.50	Glocester
Rt 98	Shippee Bridge	Steere Farm Rd					X	2.00	Glocester
Rt 6	Rt 295	Rt 10	X					8.80	Glocester
Main St @ Chapel St (Pascoag)	Rt 100	Rt 98		X				4.50	Glocester
Calahan School St	Rt 96	Rt 98		X				1.20	Glocester
Rt 96	Calahan School St	Mass Line		X				6.40	Glocester
Rt 98	Steere Farm Rd	Mass Line		X				7.20	Glocester
River St	Chapel St	Calahan School St		X				0.20	Glocester
East Ave	Rt 98	Rt 102		X				4.00	Glocester
Rt 6	Rt 295	Rt 10		X				7.40	Glocester
Old Victory Hwy	Mapleville Main St	Remington Ave					X	1.20	Glocester
Rt 7	Rt 102	Joslin Rd					X	1.00	Glocester
Old Victory Hwy	Rt 102	Rt 7		X				9.40	Glocester
Rt102	Town Line	Rt 5		X				3.00	Glocester
Quaker Highway	Rt 102	Mass Line		X				1.20	Glocester
School Street	Rt 5	Rt 146A		X				3.00	Glocester
Cental Street	Rt 146 A	Mass Line		X				1.00	Glocester
Rt146 A	Rt 146	Beef Barn		X				4.80	Glocester
Connector Rd	Rt 146	Rt146 A		X				0.50	Glocester
Saint Paul Street	Rt 146 A	Mendon Rd		X				2.50	Glocester
Rt102	Wrights Farm	Rt100		X				6.70	Glocester
Douglas Hook Rd	Rt 44	Whipple Rd		X				2.70	Glocester
Rt 104	Rt116	Rt5		X				8.20	Glocester
Rt 104	Rt5	Great Rd		X				7.00	Glocester
Rt 5/Providence Pike	Main Street	Rt104		X				7.00	Glocester
Industrial Drive	Rt5	Pound Hill Rd		X				3.50	Glocester
Steele Street	Industrial Drive	Back to Industrial		X				0.40	Glocester
Saw Mill Rd	Rt44	Elmdale Rd		X				5.00	Glocester
Elmdale Rd	Saw Mill Rd	Pole Bridge Rd		X				0.50	Glocester
Pole Bridge Rd	Elmdale Rd	Rt 116		X				1.00	Glocester
Rt 101	Danielson Pike	Rt6 By-Pass		X				4.00	Glocester
Rt 101	Rt 6 By-Pass	Rt 102		X				3.20	Glocester
Rt 102	Rt 101	Rt 44		X				4.60	Glocester
Rt 102	Rt 44	Rt 101		X				4.60	Glocester
Rt 101	Rt102	Conn Line		X				6.30	Glocester
Rt 101	Conn Line	Rt 102		X				4.50	Glocester
Rt 94	Rt 101	Rt 6		X				6.20	Glocester
Rt 6 (Hartford Pike)	Danielson Pike	Reservoir Rd		X				4.20	Glocester
Rt 6 By-Pass	Rt 101	Rt 102		X				7.20	Glocester
State Police Facility	All Grounds	All Grounds	X	X				0.50	Glocester
Rt 6 (Hartford Pike)	Danielson Pike	Reservoir Rd		X	X		X	1.50	Glocester
Rt 6	Rt 102	Conn Line		X				16.60	Glocester
Rt 44/Rt 100/Rt 102	Parade Route	Parade Route		X				6.50	Glocester
Steele Street	Rt 6 By-Pass	Rt 102		X				3.20	Glocester
Hartford Ave	Rt 101	Rt44		X				4.60	Glocester
Boston Neck Rd	Rt 44	Rt 101		X				4.60	Glocester
Grand PriX Park	Rt102	Conn Line		X				6.30	Glocester
Rt 91 Alton-Carolina Rd	Conn Line	Rt102		X				4.50	Glocester
Rt 138 Spring St	Rt 101	Rt 6		X				6.20	Glocester
Camp Yawgoog Rd	Danielson Pike	Reservoir Rd		X				4.20	Glocester
Wincheck Pond Rd	Rt 101	Rt 102		X				7.20	Glocester
Bristol Ferry Rd	All Grounds	All Grounds	X	X				0.50	Glocester
Mt Hope Bridge	Danielson Pike	Reservoir Rd		X	X		X	1.50	Glocester
Rt 95	Rt 102	Conn Line		X				16.60	Glocester
								435.80	Glocester Total
Arcadia Rd	Bridge St	Cherry Lane		X				5.50	Hope Valley
Arcadia Rd	Cherry Lane	Rt 165		X				5.50	Hope Valley
Rt 1	Rt 2	Prosser Trail		X				3.00	Hope Valley
Prosser Trail	Rt 1	Sanctuary Rd		X				2.00	Hope Valley
Rt 1	Prosser Trail	Rt 216		X				3.00	Hope Valley
Post Rd/Burlingame	Rt 1	Rt 1		X				1.00	Hope Valley
Rt 216	Rt 1	Quarry Rd		X				3.00	Hope Valley
Rt 216	Quarry Rd	Rt 1		X				3.00	Hope Valley

Highway	Start	End	Shoulder				Side-walk	Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp			
Tower St	Oak St	Granite St					X	1.00	Hope Valley
Tower St									Hope Valley
Watch Hill Rd	Ninigret Ave	Oakwood Rd					X	0.50	Hope Valley
Rt 1	Rt 216	Tourist Info Center		X				5.00	Hope Valley
Tower St	Granite St	Oak St					X		Hope Valley
Oak St	Tower St	Rt 78					X	2.00	Hope Valley
Rt 1	Tourist Info Center	Cross Mills Rd		X				3.00	Hope Valley
Granite St	East Ave	Grove St					X	2.00	Hope Valley
Granite St	Grove St	East Ave					X	2.00	Hope Valley
Tower St	Granite St	Oak St		X				0.84	Hope Valley
Tower St	Oak St	Granite St		X				0.84	Hope Valley
Oak St	Westerly Facility	Tower St		X				2.00	Hope Valley
Oak St	Tower St	Westerly Facility		X				2.00	Hope Valley
Old Post Rd	Ninigret	Rt 1		X				5.00	Hope Valley
Rt 1	Cross Mills Rd	Narrow Lane		X				1.50	Hope Valley
East Ave	Franklin St	Beach St		X				3.00	Hope Valley
Beach St	State St	Winapaug Rd		X				2.00	Hope Valley
Switch Rd	Mechanic St	Old Switch Rd		X				2.00	Hope Valley
North Switch Rd	Switch Rd	END		X				0.80	Hope Valley
Old Switch Rd	Switch Rd	END		X				1.20	Hope Valley
Mechanic St	Rt 3	Switch Rd		X				2.24	Hope Valley
Grantville Ext.	Switch Rd	END		X				0.80	Hope Valley
Rt 1	Narrow Lane	Succotash Rd		X				4.00	Hope Valley
Rt 91	Oak St	McGowens Corners		X				3.00	Hope Valley
Rt 1	East Ave	Rt 78					X	2.00	Hope Valley
Watch Hill Rd	East Ave	Ninigret Ave		X				6.00	Hope Valley
Succotash Rd	Rt 1	State pier		X				5.50	Hope Valley
Shore Rd	Watch Hill Rd	Rt 1		X				10.20	Hope Valley
Rt 1	Dunns Corner Rd	Forest Dr.					X	1.50	Hope Valley
Rt 1	Dunns Corner Rd	South Woody Hill					X	1.50	Hope Valley
Rt 3	Rt 95 Exit 1 bridge	Rt 95 Exit 1 bridge					X	0.10	Hope Valley
Rt 3	Chase Hill bridge	Chase Hill bridge					X	0.10	Hope Valley
Wellstown Rd	Wellstown bridge	Wellstown bridge					X	0.10	Hope Valley
Rt 216	Rt 91 islands	Rt 91 islands					X	0.10	Hope Valley
Rt 112	Triple bridges	Triple bridges					X	0.20	Hope Valley
Old Shannock Rd	Rt 112	Char. School					X	1.00	Hope Valley
Shannock Village Rd	Railroad Ave	Shannock Rd					X	1.00	Hope Valley
Rt 1	Succotash Rd	Tuckertown		X				2.50	Hope Valley
Post Rd/Jerry Brown	Rt 1	Rt 1		X				1.50	Hope Valley
Post Rd/Camp Fuller	Rt 1	Rt 1		X				2.70	Hope Valley
Rt 1	Rt 78	Pond Rd					X	0.50	Hope Valley
Rt 91	Old Carriage Rd	Bradford					X	4.50	Hope Valley
Shannock Rd	Shannock Village	Rt 2					X	2.00	Hope Valley
Rt 3	Maxon Hill Rd	High St -Rt 216					X	1.00	Hope Valley
High St (Rt 216)	Rt 3	Laurel St					X	1.00	Hope Valley
Laurel St	High St -Rt 216	Hill Side Ave					X	1.00	Hope Valley
Rt 3 (Main St)	Rt 138 (Main St)	Spring St					X	1.00	Hope Valley
Rt 1	Rt 78	Rt 216		X				4.50	Hope Valley
Rt 138	Rt 112	Beaver River Rd		X				6.00	Hope Valley
Rt 1	Dunns Corners	Rt 216			X			3.00	Hope Valley
Rt 138	Rt 3	Soap House Lane					X	2.00	Hope Valley
Rt 3 (Main St)	Rt 138	Maple St					X	0.50	Hope Valley
Rt 3 (Main St)	Rt 138	Dow Field					X	1.50	Hope Valley
Old Shannock Rd	Rt 112	Shannock Village		X				0.82	Hope Valley
Shannock Rd	Shannock Village	Rt 2		X				0.50	Hope Valley
Shannock Village Rd	Old Shannock Rd	Shannock Rd		X				0.48	Hope Valley
Rt 91	McGowens Corners	Riverview Dr.		X				6.00	Hope Valley
Rt 112	Rt 138	Rt 2		X				11.00	Hope Valley
Rt 3 (Main St)	Dow Field	Rt 138 (Main St)					X	1.00	Hope Valley
Rt 138 (Main St)	Rt 3 (Main St)	Rt 95					X	1.50	Hope Valley
New Kings Factory Rd	Rt 91	Kings Factory Rd					X	0.50	Hope Valley
New Kings Factory Rd	Kings Factory Rd	Rt 91					X	0.50	Hope Valley
New Kings Factory Rd	Rt 91	Kings Factory Rd		X				0.80	Hope Valley

Highway	Start	End	Shoulder				Side-walk	Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp			
Ashaway Rd (Rt 3)	Rt 78	High St -Rt 3		X				1.50	Hope Valley
High St (Rt 3)	Ashaway Rd (Rt 3)	Pleasant St		X				1.50	Hope Valley
Upper High St	Ashaway Rd (Rt 3)	Potter Hill Rd		X				1.50	Hope Valley
Grand Prix Park	Rt 112	Rt 112		X				0.50	Hope Valley
Rt 91 Alton-Carolina Rd	Rt 112	Collins Rd		X				7.50	Hope Valley
Rt 138 Spring St	Rt 3	Camp Yawgoog		X				8.00	Hope Valley
Camp Yawgoog Rd	Rt 138 Spring St	End		X				1.20	Hope Valley
Wincheck Pond Rd	Rt 138 Spring St	Rt 138 Spring St		X				0.66	Hope Valley
Rt 138 Spring St	Camp Yawgoog	Conn Line		X				4.00	Hope Valley
Rt 3 (Main St)	Rt 138 Spring St	Woodville Alton Rd		X				2.00	Hope Valley
Rt 3 (Main St)	Woodville Alton Rd	Clarks Falls Rd		X				2.00	Hope Valley
Potter Hill Rd	Upper High St	River Rd		X				4.00	Hope Valley
Laurel St	River Rd	Rt 216 High St		X				2.00	Hope Valley
Rt 216 High St	Laurel St	Conn Line		X				2.00	Hope Valley
Rt 3 (Nooseneck Hill Rd)	Rt 138	Rt 165		X				10.00	Hope Valley
Rt 3 (Nooseneck Hill Rd)	Rt 165	Rt 102		X				4.00	Hope Valley
Austin Farm Rd	Rt 95 overpass	Rt 3 (Nooseneck Hill Rd)		X				2.00	Hope Valley
Black Plains Rd	Rt 165	Austin Farm Rd		X				2.00	Hope Valley
Rt 1	Succotash Rd	Rt 2		X				6.00	Hope Valley
Elizabeth Cooper Rd	Knudsen Dr	End		X				0.10	Hope Valley
Knudsen Dr	Narrow Lane	Elizabeth Cooper Rd		X				0.10	Hope Valley
Sherman Ave	South County Trail	Lewiston Ave		X				0.28	Hope Valley
Rt 2 (South County Trail)	Rt 112	Shannock Hill Rd		X				8.00	Hope Valley
Rt 3 (Nooseneck Hill Rd)	Baker Pines Rd	Austin Farm Rd			X			7.00	Hope Valley
Switch Rd	Old Switch Rd	Rt 91		X				7.00	Hope Valley
Rt 2 (South County Trail)	Shannock Hill Rd	Rt 138		X				8.00	Hope Valley
Escoheag Hill Rd	Rt 165	Falls River Rd		X				5.00	Hope Valley
Post Rd (Perryville)	Rt 1	Rt 1		X				2.00	Hope Valley
Rt 95	Mile Marker 9	Conn Line	X					9.00	Hope Valley
Rt 95	Conn Line	Mile Marker 9	X					9.00	Hope Valley
Rt 95 Exit Ramps	Exit 4	Exit 1				X		5.00	Hope Valley
Rt 95 Exit Ramps	Exit 1	Exit 5				X		8.00	Hope Valley
Rt 95 Exit Ramps	Exit 5	Exit 6A				X		10.00	Hope Valley
Rt 95 Exit Ramps	Exit 6A	Exit 5				X		3.00	Hope Valley
Hopkins Hill Rd	Division St	Center of N E		X	X			3.00	Hope Valley
Rt. 78	Rt 1	Conn Line			X			4.10	Hope Valley
Rt. 78	Conn Line	Rt 1			X			4.10	Hope Valley
Rt. 78	Rt 1	Conn Line		X		X		6.50	Hope Valley
Rt. 78	Conn Line	Rt 1		X		X		6.50	Hope Valley
Rt 138	Beaver River Rd	S County Trail		X				4.00	Hope Valley
Rt 138	S County Trail	Beaver River Rd		X				4.00	Hope Valley
Rt 138	Rt 112	Rt 95		X				6.00	Hope Valley
Old Usquepaugh	Rt 138	Rt 138		X				1.00	Hope Valley
Rt 1	Cross Mills Rd	Matunuck Beach Rd	X			X		5.00	Hope Valley
Rt 1	Matunuck Beach Rd	Tuckertown	X			X		4.00	Hope Valley
Rt 1	Tuckertown	Cross Mills Rd	X			X		9.00	Hope Valley
Rt 110	Wordens Pond Rd	Rt 138		X				4.10	Hope Valley
Rt 110	Rt 138	Wordens Pond Rd		X				4.10	Hope Valley
Rt 110	Wordens Pond Rd	Rt 1		X				2.00	Hope Valley
Rt 110	Rt 1	Wordens Pond Rd		X				2.00	Hope Valley
Rt 216	Rt 1	Quarry Rd		X				3.00	Hope Valley
Rt 216	Quarry Rd	Rt 1		X				3.00	Hope Valley
Rt 112	Rt 138	Rt 2		X				11.00	Hope Valley
Rt 112 (SW)	Triple bridges	Triple bridges					X	0.20	Hope Valley
Old Shannock Rd (SW)	Rt 112	Char. School					X	1.00	Hope Valley
Shannock Village Rd (SW)	Railroad Ave	Shannock Rd					X	1.00	Hope Valley
Shannock Rd (SW)	Shannock Village	Rt 2					X	2.00	Hope Valley
Old Shannock Rd	Rt 112	Shannock Village		X				0.82	Hope Valley
Shannock Village Rd	Old Shannock Rd	Shannock Rd		X				0.48	Hope Valley
Shannock Rd	Shannock Village	Rt 2		X				0.50	Hope Valley
Grand Prix Park	Rt 112	Rt 112		X				0.50	Hope Valley
Rt 91 Alton-Carolina Rd	Rt 112	Collins Rd		X				7.50	Hope Valley
New Kings Factory Rd (SW)	Rt 91	Kings Factory Rd					X	0.50	Hope Valley

Highway	Start	End	Shoulder					Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp	Side-walk		
New Kings Factory Rd (SW)	Kings Factory Rd	Rt 91					X	0.50	Hope Valley
New Kings Factory Rd	Rt 91	Kings Factory Rd		X				0.80	Hope Valley
Rt 2 (South County Trail)	Rt 112	Shannock Hill Rd		X				8.00	Hope Valley
Rt 2 (South County Trail)	Shannock Hill Rd	Rt 138		X				8.00	Hope Valley
(Rt. 2)South County Trail	Rt. 112	Rt. 1		X				4	Hope Valley
Sherman Ave	South County Trail	Lewiston Ave		X				0.28	Hope Valley
								426.64	Hope Valley Total
Rt 101	Airport Rd	Post Rd Ext		X				1.80	Midstate
Rt 94	Post Rd Ext	Rt 37		X				2.30	Midstate
Switch Rd	Rt 37	Warwick Ave		X				2.10	Midstate
(Rt 2)South County Trail	Post Rd	Industrial Dr and Back		X				2.40	Midstate
Nooseneck Hill Rd	Rt 117	Main St and Back		X			X	2.80	Midstate
Nooseneck Hill Rd/Tiogue Ave	Wash St	Legion Way	X	X			X	1.30	Midstate
Simmonsville	Main St	Providence St	X	X			X	1.00	Midstate
Escoheag Hill Rd	Airport Rd	Post Rd EXt and Back		X			X	3.20	Midstate
Post Rd (Perryville)	Greenwood Br	Apponaug and Back		X	X			3.20	Midstate
Post Rd	S. Main St	Weaver Hill Rd		X				4.10	Midstate
Plainfield St	Weaver Hill Rd	Austin Farm Rd		X				3.50	Midstate
Rt138 JT to NP Bridge	Austin Farm Rd	Woodland Dr		X				7.30	Midstate
Rt 37	Airport Rd	Warwick Ave		X			X	2.70	Midstate
Rt 37	Post Rd	Fair St		X				5.40	Midstate
Rt 37	Rt 2	Rt 3		X				8.20	Midstate
Rt 295	Division Rd	Ginsu Lane		X				3.20	Midstate
Rt 295	Rt 2	Quaker Lane		X				0.50	Midstate
Rt 37	Centreville Rd	Rt 2		X				2.30	Midstate
New London Ave	Natick Ave	Pontiac Ave			X			2.50	Midstate
Rt 37	Rt 3	Rt 113		X	X			6.80	Midstate
New London Ave	Nausauket Ave	Hawksley Dr		X			X	2.00	Midstate
Rt 37	Hawksley Dr	Chiswick		X			X	1.60	Midstate
Pontiac Ave	W. Natick Rd	Howard Ave			X			11.60	Midstate
Pontiac Ave	Brayton Ave	Normandy Dr		X				1.30	Midstate
Rt 37	Ramps	To Prov. St & To Rt 5	X	X					Midstate
Rt 37	Chiswick	Bush Rd		X			X	0.70	Midstate
Rt 6 (Hartford Pike)	Bush Rd	Bend St		X			X	0.30	Midstate
Rt 6 By-Pass	Bend St	Marlow Rd		X			X	1.80	Midstate
State Police Facility	Warwick Ave	Narragansett to Warwick		X			X	1.60	Midstate
Rt 6 (Hartford Pike)	Fair St	Post Rd		X				3.20	Midstate
Rt 95 Exit ramps	Rawlins	Post Rd		X			X	2.80	Midstate
Point Judith Rd	Warwick Ave	Fuller		X			X	1.70	Midstate
Rt 95 Exit ramps	Fuller	Tidewater		X			X	0.50	Midstate
Narragansett Pkway	Tidewater	Warwick Ave		X			X	2.20	Midstate
Fairwell	Airport Rd	Church Ave		X			X	2.30	Midstate
Americas Cup	Church Ave	West Shore Rd		X			X	2.00	Midstate
Memorial Blvd	West Shore Rd	Narragansett Parkway		X			X	3.30	Midstate
Newport Bridge Off Ramp/Downtown Farewell	Post Rd	Warwick Ave		X				3.00	Midstate
Newport Bridge Off Ramp Adm Kalbus	Narragansett Parkway	Narragansett Parkway		X			X	7.00	Midstate
Rt 146	Elmwood Ave	Elaine St		X				5.20	Midstate
Plainfield Pk	Atlantic Ave	Airport Rd					X	1.90	Midstate
Point Judith Rd	Atlantic Ave	Airport Rd		X				1.90	Midstate
Division Rd	Elmwood Ave	Elaine St		X				5.20	Midstate
Boston Neck Rd	Atlantic Ave	Airport Rd					X	1.90	Midstate
Rt 2	Atlantic Ave	Airport Rd		X				1.90	Midstate
Ginsu Lane	Elmwood Ave	Elaine St		X				5.20	Midstate
Quaker Lane	Atlantic Ave	Airport Rd					X	1.90	Midstate
Boston Neck Rd	Atlantic Ave	Airport Rd		X				1.90	Midstate
37	Rt 102	Hopkins Hollow Rd		X				2.80	Midstate
Plainfield Pk	Rt 117	Sand Hill Rd		X				2.10	Midstate
Point Judith Rd	Sand Hill Rd	Rt 117		X				2.10	Midstate
Rt 2	Hopkins Hollow Rd	Rt 14 and back		X				3.60	Midstate
Plainfield Pk	Rt 117	Conn Line back Rt 117		X				3.60	Midstate
Rt 95 Exit Ramps	Hopkins Hollow Rd	Rt 102		X				2.80	Midstate
Rt 146	Rt 117	Rt 14		X				3.30	Midstate
Rt 6	Park Ave	Post Rd and back to Park		X			X	4.20	Midstate

Highway	Start	End	Shoulder					Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp	Side-walk		
Rt 95 Exit Ramps	Phenix Ave	Rt 295 Overpass					X	2.20	Midstate
Hopkins Hill Rd	Phenix Ave	Rt 5		X				0.60	Midstate
Rt 136 (Market St)	Rt 102	Moosup Valley Rd		X				1.30	Midstate
Old Tower Hill Rd & Main St	Rt 14	Cucumber Hill Rd		X				3.30	Midstate
Rt. 78	Scituate Ave	Hope Rd and back		X				4.00	Midstate
Rt 138	Pippen Orchard Rd	295 Overpass		X				2.00	Midstate
Rt 114 (Hope St)	Plainwoods Rd	RT 14		X				2.30	Midstate
Rt 246	Moosup Valley	RT 102		X				1.30	Midstate
Rt 146	RT 117	Moosup Valley Rd		X				2.40	Midstate
Rt. 78	RT 14	Sisson Rd		X				2.10	Midstate
Rt. 78	Sisson Rd	Harkney Hill		X				2.00	Midstate
Rt. 78	RT 102	Camp Westwood Rd		X				0.80	Midstate
Rt 138	Camp Westwood Rd	RT 102		X				0.80	Midstate
Rt 138	Camp Westwood Rd	Rt 3 and Back		X				2.80	Midstate
Old Usquepaugh	Ray St	Rt 117		X			X	1.20	Midstate
Arlington Ave	Rt 117	Barber St		X			X	0.80	Midstate
Kickemuit Rd	Barber St	Rt 3		X			X	0.30	Midstate
Rt 114 (Main St)	Rt.3	Rt 116		X			X	1.80	Midstate
Market St	South Main St	Sandy Bottom and Back		X				0.80	Midstate
East Main Rd	Rt. 117	Gervais St		X			X	1.10	Midstate
East Main Rd	Gervais St	Long Pond Rd		X			X	0.50	Midstate
Arlington Ave	Long Pond Rd	Rt 117		X			X	0.40	Midstate
Kickemuit Rd	Gervais St	Hope Furnace Rd		X				6.80	Midstate
Main St (Rt 114)	Hope Furnace Rd	Baldwin Dr and back					X	4.00	Midstate
Market St	Hope Furnace Rd	Gervais St		X				1.40	Midstate
Rt 246	Rt 117	Harkney Hill		X				6.40	Midstate
West Main Rd	Rt 117	Rt 117		X				1.40	Midstate
Douglas Ave	Sandy Bottom Rd	Town Hall					X	1.90	Midstate
Kingstown Rd (Rt 108)	Sandy Bottom Rd	Old Flat River Rd		X				4.30	Midstate
High St	Rt 117	Rt 117		X				0.40	Midstate
W.Shore Rd	Indian Trail	Central Cov. Fire Sta					X	0.60	Midstate
High St	Maple Valley Rd	3677 Flat River Rd					X	0.60	Midstate
High St	Old Flat River Rd	Whitman Rd					X	0.30	Midstate
W. Shore Rd	Harkney Hill Rd	Rt 117					X	0.80	Midstate
Rt 246	Rt 102	Western Cov. School					X	0.30	Midstate
Ocean Rd	Rt. 117	Harkney Hill and back		X				1.50	Midstate
Escape Rd	Ledge Rd	3618 Flat River Rd					X	0.20	Midstate
Rt 2	Rt 102	3618 Flat River Rd		X				2.40	Midstate
Ridgeway Rd	3618 Flat River Rd	3231 Flat River Rd					X	0.60	Midstate
Rt 2	Read School House	Sandy Bottom Rd					X	2.30	Midstate
Boyd's Lane (Exit 2)	3618 Flat River Rd	Sandy Bottom Rd		X				5.60	Midstate
Kingstown Rd	Atwood Ave	Plainfield Pike and back		X				1.00	Midstate
West Shore Rd	Atwood Ave	New London Ave		X			X	2.70	Midstate
West Shore Rd	East Natick	Lambert Limu Hwy and Back		X				1.10	Midstate
Rt 24 Low Speed	East Natick	Oaklawn Ave N/B		X				3.30	Midstate
Rt 24 Low Speed	New London Ave	Ralls Rd		X			X	2.30	Midstate
Rt 24 Low Speed	Ralls Rd	Phenix Ave		X			X	0.80	Midstate
Douglas Pike	Rt.5	Howard Ave		X				1.00	Midstate
Rt 1	Rt 5 Ramps						X	0.80	Midstate
Rt 110	Providence St On Ramp	West Natick Rd		X				1.50	Midstate
West Shore Rd	West Natick Rd	Tolgate and Back		X	X			5.00	Midstate
Twin River Rd	Fairview Ave	Seven Mile Road & Back		X				2.4	Midstate
Rt. 246	Rt 2	Rt 5 & Back		X	X			4	Midstate
Douglas Pike	Rt 5	Rt 117		X				2.1	Midstate
Rt 1	Rt 117	Groveland Ave		X				1	Midstate
Rt 1	Post Rd	Rt 117 & Back					X	3	Midstate
Rt 110	Groveland Ave	Jefferson Blvd		X	X			0.6	Midstate
Rt 110	Rt 113	Apponaug & Back		X				1.2	Midstate
Rt 110	Rt 5	Pontiac Ave		X			X	0.6	Midstate
Fort Adams State Park (Parking Area)	Mayfair	Kenny Dr		X			X	0.7	Midstate
Atwood Ave	295 Overpass	Phenix Ave		X				1.50	Midstate
Post Rd	Phenix Ave	Fletcher Ave		X				1.70	Midstate
Narragansett Pkwy	Atwood Ave	Plainfield Pike		X				1.00	Midstate

Highway	Start	End	Shoulder				Side-walk	Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp			
Atwood Ave	Phenix Ave	Dean Parkway and back		X	X			2.50	Midstate
Mineral Spring	Moosup Valley	Rt 6		X				9.20	Midstate
Mineral Spring Ave	Mass Line	Jefferson Blvd		X				11.20	Midstate
West Shore Rd	Airport Connector	Jefferson Blvd		X		X		9.10	Midstate
Marshall Ave	Jefferson Blvd (Ramp)	Rt 2 N/B on Ramp		X		X		14.40	Midstate
West Shore Rd	Rt 113	Mass Line			X			15.30	Midstate
High Street	Post Rd	Pontiac Ave			X			1.40	Midstate
Rt 403 (Right Lane)	Post Rd	Natick Ave		X		X		9.00	Midstate
West Shore Rd	Rt 113	Mass State Line			X			14.00	Midstate
West Shore Rd	Rt 113 Overpass	Rt 10			X			10.60	Midstate
Broad St	Post Rd	Natick Ave			X			7.00	Midstate
Dean St	Rt 113 Overpass	Mass State Line	X					14.10	Midstate
Esmond St	Rt 113 Overpass	Mass State Line	X					14.10	Midstate
Old County	Rt 113 Overpass	Mass State Line	X					14.10	Midstate
LimeRock	Kenny Dr	Rt. 37 Overpass		X			X	0.50	Midstate
Mineral Spring Ave	37 E/B Ramp	Howard Ave		X			X	0.30	Midstate
Diamond Hill	Kenny Dr	Howard Ave					X	0.50	Midstate
Albion Rd	Kenny Dr	Mayfair Ave		X				1.30	Midstate
Warwick Ave	Sockanossett Crossroads	Garden City Dr & Back		X				2.70	Midstate
Median Rt 295 NB	Rt 95 Split	Rt 6							Midstate
Median Rt 295 SB	Rt 6	Rt 95 Split							Midstate
Shoulder Ramps Rt 295 NB	Rt 95	Exits 1-6							Midstate
Shoulder Ramps Rt 295 SB	Rt 6	Exits 5-1							Midstate
								434.20	Midstate Total
Nanaquacket Rd	Main Rd	Main Rd		X				3.00	Portsmouth
Sakonett Point Rd									Portsmouth
Bulgarmarsh Rd	Main Rd	Old Crandall Rd						8.00	Portsmouth
Highland Rd	Main Rd	Main Rd						2.72	Portsmouth
East Main Rd	Peckham Rd	Simmons Rd		X				3.20	Portsmouth
Long Highway									Portsmouth
Meeting House Rd	Commons	Main Rd		X				0.80	Portsmouth
Mullen Hill Rd									Portsmouth
Peckham Rd	Main Rd	Long Highway		X				4.40	Portsmouth
Pottersville Rd									Portsmouth
Simmons Rd	East Main Rd	Willow Ave		X				1.20	Portsmouth
Snell Rd	Long Highway	East Main Rd		X				1.20	Portsmouth
South of Commons	South of Commons	Brownell Rd		X				2.40	Portsmouth
Willow Ave	Peckham Rd	Simmons Rd		X				3.00	Portsmouth
Valley Rd	Aquidneck Ave	West Main Rd		X			X	4.20	Portsmouth
Boyd's Lane	Rt 24	Park Ave		X				1.22	Portsmouth
Chase Rd	Boyd's Lane	Park Ave		X				0.75	Portsmouth
East Main Rd	Boyd's Lane	Middletown Line		X				14.60	Portsmouth
Crandall Rd	Bulgarmarsh Rd	Little Compton Line						0.40	Portsmouth
Sprague St	East Main Rd	West Main Rd		X				1.20	Portsmouth
Turnpike Ave	West Main Rd	East Main Rd		X				1.40	Portsmouth
Bristol Ferry Rd	Bristol Ferry Rd	Turnpike Rd		X				1.23	Portsmouth
Mt Hope Bridge	Portsmouth Line	Bristol		X			X	3.60	Portsmouth
Griswold Ave	Ferry Rd	Metacom Ave		X				3.00	Portsmouth
Metacom Ave	Mt Hope Bridge	Warren Line		X				9.40	Portsmouth
East Main Rd	Mitchell's Lane	Bramams Lane		X			X	3.00	Portsmouth
East Main Rd	Portsmouth Line	Aquidneck Ave		X			X	3.00	Portsmouth
Adamsville Rd								0.40	Portsmouth
Commons	Meeting House	South of Commons		X				0.80	Portsmouth
Crandall Rd	Town Line	Main St		X				1.20	Portsmouth
Main St									Portsmouth
Stone Church Rd	Town Line	Cold Brook Rd		X				2.40	Portsmouth
West Port Harbor Rd	Main St	River Rd		X				0.75	Portsmouth
East Rd	Crandall Rd	Stonechurch Rd						2.20	Portsmouth
Stafford Rd	Hurst	Bulgarmarsh Rd						10.00	Portsmouth
Stone Church Rd	East Rd	Little Compton Line						2.40	Portsmouth
Stafford Rd	Hurst/State Line	Bulgarmarsh Rd						6.50	Portsmouth
12 Green Lane	Bike Path	West Main Rd		X			X	1.60	Portsmouth
West Main Rd	Access Rd/Gate 17	Portsmouth Line		X			X	2.50	Portsmouth

Highway	Start	End	Shoulder				Side-walk	Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp			
West Main Rd	Connell Hwy	Portsmouth Line		X	X		X	2.40	Portsmouth
West Main Rd	Sprague St	Portsmouth Line		X			X	3.20	Portsmouth
West Main Rd	Portsmouth Line	Strigham Rd		X			X	2.00	Portsmouth
Americas Cup	Bridge St	Memorial Blvd		X	X			1.59	Portsmouth
Memorial Blvd	Americas Cup	Middletown Line		X	X			3.18	Portsmouth
Fairwell	Newport Bridge	Americas Cup		X				1.25	Portsmouth
Americas Cup	Bridge St	Memorial Blvd		X	X			1.59	Portsmouth
Memorial Blvd	Americas Cup	Middletown Line		X	X			3.18	Portsmouth
Newport Bridge Off Ramp/Downtown Farewell	Newport Bridge	Fairwell	X	X				0.86	Portsmouth
Newport Bridge Off Ramp Adm Kalbfus	Newport Bridge	Adm Kalbfus Rd		X				2.46	Portsmouth
Gooding Ave	Metacom Ave	Hope St		X			X	1.60	Portsmouth
Rt 136 (Market St)	Asylum Rd	Warren Line						3.60	Portsmouth
Rt 114 (Hope St)	Mt Hope Bridge	Woodlawn Ave						3.80	Portsmouth
Arlington Ave	Kickemuit Rd	Metacom Ave		X				0.84	Portsmouth
Kickemuit Rd	Kickemuit Rd	Arlington Ave		X				0.50	Portsmouth
Rt 114 (Main St)	Warren Line	Barrington Line		X				3.10	Portsmouth
Market St	Main St	Kickemuit Rd		X				1.28	Portsmouth
Bramblewood Crossing	Crandall	Stone Church		X				1.00	Portsmouth
Colebrooke Rd	Main Rd	Long Highway		X				3.00	Portsmouth
Memorial Blvd	Old Beach Rd	Bellevue Ave		X			X	1.25	Portsmouth
Aquidneck Ave	East Main Rd	Memorial Blvd		X	X			2.29	Portsmouth
Main Rd	Mass Line	Little Compton Line		X				18.40	Portsmouth
West Main Rd	Tiverton Line	Sakonnet PT		X				10.80	Portsmouth
Hummocks Ave	Point Rd	Rt 24 South/Ramp		X				0.50	Portsmouth
Middle Rd	Union St	Hedly		X			X	4.80	Portsmouth
Park Ave	East Main Rd	Point Rd		X				3.40	Portsmouth
Point Rd	Park Ave	Hummocks Ave		X				0.30	Portsmouth
School House Lane									Portsmouth
Union St	East Main Rd	West Main Rd		X				3.80	Portsmouth
Adm Kalbfus Rd	Adm Kalbfus Rd	Coddington Hwy		X				1.60	Portsmouth
Americas Cup	Memorial Blvd	Fairwell		X	X			0.50	Portsmouth
Coddington Highway	Coddington Highway	West Main Rd		X				1.20	Portsmouth
Connell Highway	Connell Highway	Coddington Hwy		X				2.40	Portsmouth
West Main Rd	Coddington Hwy	Adm Kalbfus Rd		X				1.60	Portsmouth
On/Off Ramps at Newport Grand	Adm Kalbfus Rd	Connell/Coddington Hwy		X			X	4.00	Portsmouth
Fairwell	Americas Cup	Rt 138 E&W		X				0.29	Portsmouth
Newport Bridge	Newport Bridge	Jamestown		X			X	4.20	Portsmouth
Rt 24 (High Speed)	Mass Line	Portsmouth Line	X					4.10	Portsmouth
Rt 24 (High Speed)	Portsmouth Line	Mass Line	X					4.10	Portsmouth
Rt 24 (Low Speed)	Mass Line	Portsmouth Line	X					4.10	Portsmouth
Rt 24 (Low Speed)	Portsmouth Line	Mass Line	X					4.10	Portsmouth
Rt 24 High Speed	Tiverton Line	West Main Rd	X					4.10	Portsmouth
Rt 24 High Speed	West Main Rd	Tiverton Line	X					4.10	Portsmouth
Exit 3 (Railroad Ave/Anthony Rd)	Rt 24 (S)	Anthony Rd	X	X				0.12	Portsmouth
Exit 2 (Boyd's Ln)	Rt 24 (S)	Boyd's Ln	X	X				0.24	Portsmouth
Exit 2 (Boyd's Ln)	Rt 24 (S)	Boyd's Ln	X	X				0.09	Portsmouth
Exit 2 (Boyd's Ln)	Rt 24 (N)	Boyd's Ln						0.26	Portsmouth
Exit 3 (Hummocks Ave)	Rt 24 (N)	Hummocks ave						0.09	Portsmouth
Exit 3 (Railroad Ave & Anthony Rd)	Rt 24 (N)	Railroad/Anthony						0.12	Portsmouth
Exit 6 (Fish Rd)	Rt 24 (S)	Fish Rd						0.05	Portsmouth
Exit 6 (Fish Rd)	Rt 24 (S)	Fish Rd						0.20	Portsmouth
Exit 5 (Main Rd)	Rt 24 (S)	Main Rd		X				0.21	Portsmouth
Exit 5 (Main Rd)	Rt 24 (S)	Main Rd						0.04	Portsmouth
Exit 6	Rt 24 (N)	Fish Rd						0.20	Portsmouth
Exit 6	Rt 24 (N)	Fish Rd						0.06	Portsmouth
Exit 7	Rt 24 (N)	Mass Line						0.02	Portsmouth
Birchswamp Rd									Portsmouth
Franklin St									Portsmouth
Rt 136 (Market St)									Portsmouth
Rt 103 (Child St)								3.10	Portsmouth
School House Rd									Portsmouth
Ferry Rd	Mt Hope Bridge	Griswold Ave		X			X	0.50	Portsmouth
Old Ferry Rd									Portsmouth

Highway	Start	End	Shoulder					Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp	Side-walk		
Popasquash Rd									Portsmouth
Access Rd/Gate 17	West Main Rd	West Main Rd		X				2.00	Portsmouth
Sachuest Point Rd							X		Portsmouth
Anthony Rd									Portsmouth
Old West Main Rd				X			X	4.80	Portsmouth
Riverside Dr									Portsmouth
Rt 24 Low Speed	Tiverton Line	West Main Rd	X					4.10	Portsmouth
Rt 24 Low Speed	West Main Rd	Tiverton Line	X					4.10	Portsmouth
Old Crandall Rd									Portsmouth
Old Main Rd									Portsmouth
West Main Rd	Union St	Sprague St							Portsmouth
Exit 3 (Anthony Rd)	Rt 24/Rt 138	Railroad/Anthony Rd						0.12	Portsmouth
Rt 24 (N)									Portsmouth
Vernon St									Portsmouth
East Main Rd	Portsmouth Line	West Main Rd		X			X	3.25	Portsmouth
West Main Rd	Portsmouth Line	Admiral Kalbfus		X	X		X	3.00	Portsmouth
East Main Rd	Boys Lane	Middletown Line		X				14.60	Portsmouth
Arlington Ave	Kickemuit Rd	Metacom Ave		X				0.84	Portsmouth
Kickemuit Rd	Kickemuit Rd	Arlington Ave		X				0.50	Portsmouth
Main St (Rt 114)	Warren TL	Barrington TL		X				3.10	Portsmouth
Market St	Main St	Kickemuit Rd		X				1.28	Portsmouth
Boys Lane (Exit 2)	Rt 24 (North)	Boys La	X	X				0.26	Portsmouth
Fort Adams State Park (Parking Area)	Beginning	End						4.50	Portsmouth
Rt 24 Low Speed	Fish Rd	Mass Line		X				2.50	Portsmouth
Rt 24 Low Speed	Mass Line			X				3.00	Portsmouth
Rt 24 Low Speed	Portsmouth TL	West Main Rd		X				6.20	Portsmouth
Popasquash Rd	Hope ST	(West) Harbor Road		X				2.60	Portsmouth
Ferry Rd	Old Ferry Rd	Wood St		X				1.60	Portsmouth
Hope St	Wood St	Chestnut St						5.00	Portsmouth
Fort Adams State Park (Parking Area)	Beginning	End						4.50	Portsmouth
Hope & High St (Parade Route)	Chesnut St	High St						3.00	Portsmouth
Metacom Ave	Mt Hope Bridge	Warren Line		X				9.40	Portsmouth
Highland Rd	Main Rd	Main Rd						2.72	Portsmouth
Rt 136 (Metacom Ave & Market St)	Bristol Line	Swansea Line						6.90	Portsmouth
Vernon St	Metacom Ave	Main St						2.00	Portsmouth
Sakonnet Pt	West Main Rd	End						3.20	portsmouth
West Main Rd	Tiverton Line	Sakonnet Pt		X				11.20	portsmouth
Aquidneck Ave	East Main Rd	Memorial Blvd		X	X			2.29	Portsmouth
Valley Rd	Aquidneck ave	West Main Rd		X			X	4.20	Portsmouth
Rt 103 (Child St)	Metacom Ave	Main St						4.20	Portsmouth
Rt 114 (Main St)	Child St	Warren Bridge		X				2.00	Portsmouth
Vernon St	Metacom Ave	Main St						2.00	Portsmouth
Boys La	Rt 24	Park Ave		X				1.22	Portsmouth
Hummocks Ave	Point Rd	Rt 24 (On Ramp)		X				0.50	Portsmouth
Park Ave	East Main Rd	Point Rd		X				3.40	Portsmouth
Point Rd	Park Ave	Hummocks Ave		X				0.30	Portsmouth
Main Rd	Mass Line	Little Compton TL		X				12.20	Portsmouth
								381.88	Portsmouth Total
Scituate Ave	317 Cherry Hill Rd	317 Cherry Hill Rd		X				3.00	Smithfield
Atwood Ave	Rt 44	320 Greenville Ave		X				2.20	Smithfield
Fletcher Ave	320 Greenville Ave	G. Waterman Rd		X				2.30	Smithfield
Oaklawn Ave	Vitro St	Rt 44		X				4.10	Smithfield
Cucumber Hill Rd	G. Waterman Rd	Manton Ave		X				3.40	Smithfield
Bramblewood Crossing	185 Borden Ave	Killingly St		X				3.90	Smithfield
Colebrooke Rd	Douglas Ave	Rt 246 (and back)		X				3.40	Smithfield
Memorial Blvd	Ann&Hope Way	Rt 116		X				3.00	Smithfield
Aquidneck Ave	Rt 116	Rt 99		X				5.40	Smithfield
West Main Rd	Rt 95	Wilbur Ave Ramp		X			X	10.80	Smithfield
Rt 95	Rt 99	Ryan St		X				4.60	Smithfield
Rt 95 S/B	Ryan St	Walker St		X				4.00	Smithfield
Boston Neck Rd	Walker St	Smithfield Ave		X				4.00	Smithfield
Rt 95	Breakneck Hill Rd	Rt 95	X					10.70	Smithfield
Airport Connector& Rt 95	Borden Ave	Reservoir Rd		X				6.40	Smithfield

Highway	Start	End	Shoulder				Side-walk	Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp			
Rt 4	Reservoir Rd	Atwood Ave		X	X			6.10	Smithfield
Rt 95	Breakneck Hill Rd	Rt 95		X		X		10.20	Smithfield
Adm Kalbfus Rd	Charles St	Park Square	X					12.50	Smithfield
Americas Cup	1600 Atwood Ave	Central Ave		X				8.30	Smithfield
Coddington Highway	Mendon Road	Mendon Road		X				6.00	Smithfield
Connell Highway	Atwood Ave	Atwood Ave		X				5.00	Smithfield
West Main Rd	Atwood Ave	Providence Cityline		X				5.30	Smithfield
On/Off Ramps at Newport Grand	Wilbur Ave OP	Park Square		X				5.50	Smithfield
Rt 2	Atwood Ave	2158 Plainfield Pk		X				2.20	Smithfield
Rt 95	2158 Plainfield Pk	2280		X				4.80	Smithfield
Rt 37	2080 Plainfield Pk	Simmonsville Ave		X				2.60	Smithfield
Rt 37	Park Ave	Rt 116		X		X		4.50	Smithfield
Fairwell	Rt 116	1845 Rt 246		X				4.60	Smithfield
Newport Bridge	Rt 116	Rt 99		X		X		8.00	Smithfield
Rt 24 (High Speed)	Twin River Rd	Cobble Hill Rd		X				4.00	Smithfield
Rt 24 (High Speed)	Twin River Rd	Douglas Ave		X				5.30	Smithfield
Rt 24 (Low Speed)	Cobble Hill Rd	1859 Rt 246		X				1.80	Smithfield
Rt 24 (Low Speed)	Rt 116	289 Douglas Pk		X				5.80	Smithfield
Rt 24 (High Speed)	Rt 246	to State Park		X				2.00	Smithfield
Rt 24 (High Speed)	1859 Old Louisquisset	Rt 146 (SB)		X				2.00	Smithfield
Division St	289 Douglas Pk	Rt 116		X				3.30	Smithfield
Rt 4 (Ramps)	Hartford Ave	Rt 6 Overpass		X				3.80	Smithfield
Rt 95	Rt 6 Overpass	Hartford Ave		X				2.50	Smithfield
Rt 403 (Left Lanes & Ramps)	Rt 44	Rt 6 Overpass		X				2.50	Smithfield
Rt 138 (Jamestown)	Rt. 146 Overpass	Elizabeth Drive		X				3.60	Smithfield
Rt 95	High Street	Mendon Road		X				5.50	Smithfield
Rt 37	Marshall Ave	Broad St		X				7.00	Smithfield
Rt 1 (Median)	High Street	Ann&Hope Way		X				4.50	Smithfield
Rt 95	Esmond St	Rt 44		X				2.00	Smithfield
Rt 95	Waterman Ave	Rt 44		X				2.00	Smithfield
Rt 95	Waterman Ave	Esmond St		X				2.00	Smithfield
Rt 116	Douglas Ave	Jenkes Hill Rd		X				2.00	Smithfield
Rt 116	Elizabeth Dr	Centerdale Bypass		X				2.00	Smithfield
Rt 116	Marshall Ave	Country Hill Rd		X				5.30	Smithfield
Rt 116	Rt. 116 to Rt. 246	Rt. 116		X				6.40	Smithfield
Old River Rd	Country Hill Rd	Hillside Road		X				4.30	Smithfield
Albion Rd	Smith St	119 Woonasquatucket		X				4.10	Smithfield
Main St	Mendon Road	Wollen Dr		X				4.00	Smithfield
School St	Smithfield Rd	Mineral Spring Ave		X				2.00	Smithfield
Old River Rd	Mineral Spring Ave	Smith St		X				2.30	Smithfield
Railroad St	Rt. 116	Maplehurst St		X				7.10	Smithfield
Old River Rd	Blackstone Valley	Great Rd		X	X			4.20	Smithfield
Sayles Hill Rd	Great Rd	Rt 146 SB		X	X			4.90	Smithfield
Front St	Rt 146 Overpass	Appian Way		X				1.60	Smithfield
John St	Appian Way	Albion Rd		X				3.40	Smithfield
Breakneck Hill	Rt 116	Albion Rd		X				3.80	Smithfield
Great Rd	Main St	Mendon Road		X				2.00	Smithfield
Smithfield Ave	Abion Rd	School St		X				2.00	Smithfield
Diamond Hill Rd	Old River Rd	Main St		X				2.00	Smithfield
Pine Swamp Rd	School St	505 Old River Rd		X				1.60	Smithfield
W. Wrentham	Manville Hill Rd	Mendon Road		X				2.00	Smithfield
W. Wrentham	505 Old River Rd	School St		X				2.10	Smithfield
Pontiac Ave	Rt 146	Old River Rd		X				2.20	Smithfield
Rt 2	Lonsdale Ave	Smithfield Ave		X				2.00	Smithfield
Pontiac Ave	Lonsdale Ave	Broad St		X				4.50	Smithfield
Pontiac Ave	Rt 246	Smithfield Ave		X				3.50	Smithfield
Pontiac Ave	Breakneck Hill Rd	Sherman Ave		X				4.70	Smithfield
Boyd's La	Front St	Weeden Ave		X				8.50	Smithfield
Hummocks Ave	Pine Swamp Rd	Social St		X				6.10	Smithfield
Park Ave	Diamond Hill Rd	Mass Line		X				3.10	Smithfield
Point Rd	Pine Swamp Rd	Carnation St		X				5.70	Smithfield
Main Rd	Mendon Rd	Carnation St		X				6.70	Smithfield
								332.50	Smithfield Total

Highway	Start	End	Shoulder					Sweeping Distance (Miles)	Facility Assigned
			Left	Right	Center	Ramp	Side- walk		
								2545.71	Grand Total

Newport Division

<u>Route</u>	<u>Street Name</u>	<u>Town</u>	<u>Limits</u>	<u>Mileage</u>
	East Main Road	Little Compton	Peckham Road to Snell Road	1.00
	Fish Road	Little Compton	Jiley Hill Road to Bulgarmarsh Road	0.10
77	Main Avenue	Little Compton	238 West Main Road to Indian Point Road	3.00
	Peckham Road	Little Compton	West Main Road (Rte. 77) to Colebrook Road	2.25
138A	Aquidneck Avenue	Middletown	East Main Road to Valley Road	2.10
	Coddington Highway	Middletown	West Main Road to Jones Street	0.25
138	East Main Road	Middletown	West Main Road to Union Street	4.00
	Gate 17 Access Road	Middletown	West Main Road to Northgate Entrance	0.35
	Hanging Rock Road	Middletown	Sachuest Point Road to Paradise Ave	0.40
	Miantonomi Avenue	Middletown	Valley Road to Aquidneck Avenue	0.40
	Sachuest Point Road	Middletown	Hanging Rock Road to Entrance of Bird Sanctuary	1.10
77	West Main Road	Middletown	Evergreen Ave to Green Lane	2.60
114	West Main Road	Middletown	Union Street to Locus Avenue	0.80
138A	Memorial Blvd.	Newport	Aquidneck Avenue to Eustis Avenue	0.80
	Old Beach Road	Newport	Memorial Blvd to Eustis Ave	0.20
214	Valley Road	Newport	West Main Road to Aquidneck Ave	2.20
	Middle Road	Portsmouth	Union Street to Schoolhouse Lane	1.00
	Schoolhouse Lane	Portsmouth	Middle Road to Joshua Terrace	0.10
	Union Street	Portsmouth	West Main Road to East Main Road	1.80
177	Bulgarmarsh Road	Tiverton	Jiley Hill Road to Flora Way	1.40
179	East Road	Tiverton	Main Road (Rte. 77) to Lake Road	1.70

27.55

Providence Division

<u>Route</u>	<u>Street Name</u>	<u>Town</u>	<u>Limits</u>	<u>Mileage</u>
	Borden Avenue	Johnston	Killingly Street to Argonne Street	0.50
	Central Avenue	Johnston	Providence City Line to Dennison Street	0.20
	Cherry Hill Road	Johnston	Intersection with Greenville Avenue (approx. 100 ft)	
	Dean Avenue	Johnston	Esmond Street to Putnam Pike	0.90
	Geo. Washington Road	Johnston	Putnam Pike to Greenville Avenue	2.00
	Greenville Ave	Johnston	Geo. Waterman Road to Traver Avenue	0.70
	Greenville Ave	Johnston	Approach to Geo. Waterman Road (approx. 100 ft)	
	Hartford Avenue	Johnston and Providence	Calumet Avenue to Plainfield Street (Providence)	1.75
	Killingly Street	Johnston and Providence	Greenville Avenue to Sunset Ave (Providence)	1.00
	Route 6/Killingly Street Interchange	Johnston	All On and Off Ramps	
	Putnum Pike	Johnston	Pole 77 (Smithfield) to Smith Street (all Lanes) including Centerdale By-Pass	2.00
6	US HWY 6 E	Johnston	Hartford Avenue overpass (Johnston) to Route 10 Interchange	2.40
6	US HWY 6 W	Johnston	Route 10 Interchange to Hartford Avenue overpass (Johnston)	2.40
	Centerdale By-Pass	Johnston North	Included in Putnam Pike limits	
	Mineral Spring Avenue	Providence North	Putnam Pike to Sweet Street (Centerdale area)	0.20
	Smith Street	Providence North	Woonasquattucket Avenue to Capitol View Avenue	1.60
	Waterman Avenue/Farnum Pike	Providence	Putnam Pike to Rangley Court	1.70

<u>Route</u>	<u>Street Name</u>	<u>Town</u>	<u>Limits</u>	<u>Mileage</u>
	Woonasquatucket Avenue	North Providence	Smith Street to Glossip Street	1.60
	EXIT 22C	Providence	Off-Ramp to Providence Place	0.35
	Manton Avenue	Providence	Traver Street (Johnston) to Chalkstone Ave	0.25
	Route 6/Hartford Avenue Interchange	Providence	All On and Off Ramps	
	Sunset Avenue	Providence	Johnston Town Line to Killingly Street	0.40
6	US HWY 6 E	Providence	Limits included in Route 6 E Johnston	
6	US HWY 6 W	Providence	Limits included in Route 6 W Johnston	
	Esmond Street	Smithfield	Putnam Pike to Dean Ave	0.40
44	Putnum Pike	Smithfield	Included in Johnston limits	
104	Waterman Avenue	Smithfield	Included in No. Providence limits	
			Total	20.35

Bristol Division

<u>Route</u>	<u>Street Name</u>	<u>Town</u>	<u>Limits</u>	<u>Mileage</u>
	County Road	Barrington	Fairway Drive to Joyce Street	0.30
	Nayatt Road	Barrington	Rumstick Road to Middle Highway	1.25
	Rumstick Road	Barrington	County Road to Nayatt Road	0.50
	EXIT 16	Cranston	Included in Route 10 Sweeping	
95	I 95 N & S	Cranston	Broad Street Overpass to Park Ave Overpass	
6 and 10 ROUTE 10		Cranston/ Providence	I 95 Cranston to I 95 Providence, including all Ramps at all Interchanges	5.00
	Reservoir Avenue	Cranston	Route 10 NB On-Ramp to Route 10 SB Off-Ramp	
	Elmwood Avenue	Providence	I 95 Overpass to Park Avenue	0.81
	EXIT 22	Providence	Included in Route 10 Sweeping	
	EXIT 22A	Providence	Included in Route 10 Sweeping	
	EXIT 22B	Providence	Included in Route 10 Sweeping	
	EXIT 22C	Providence	Included in Route 10 Sweeping	
	EXIT 23	Providence	Included in Route 10 Sweeping	
95	I 95 N & S	Providence	Smith Street Overpass to Exit 22	0.30
	Smith Avenue	Providence	Orms Street to No. Main Street	0.60
	Westminster Street	Providence	Route 10 Overpass to Broadway	0.15
			Total	8.91

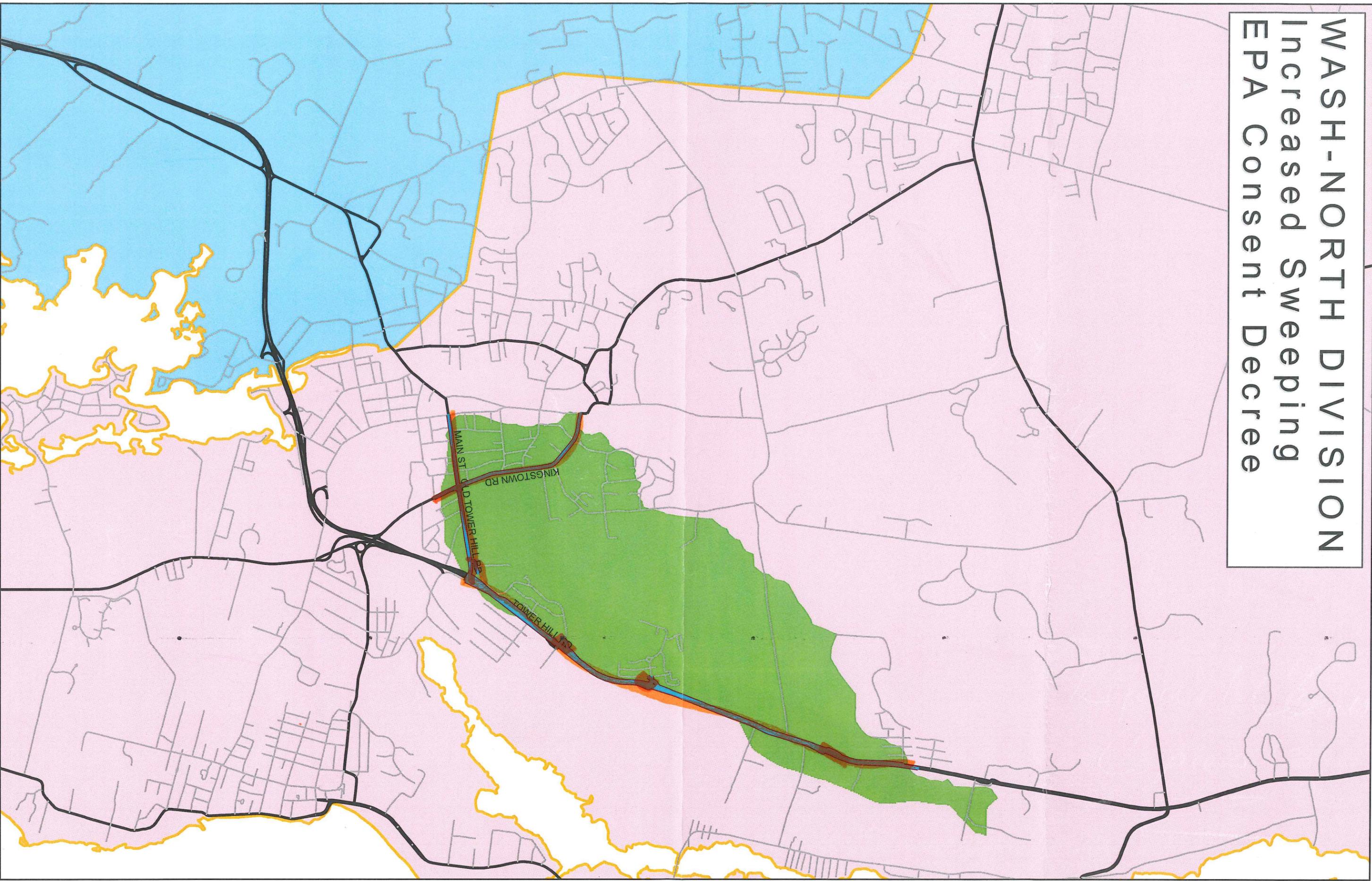
Washington North Division

<u>Route</u>	<u>Street Name</u>	<u>Town</u>	<u>Limits</u>	<u>Mileage</u>
	Albro Lane	So. Kingstown	Included in Kelley Way Limits	
	So. County Commons Intersection	So. Kingstown	Included in Tower Hill Rd Limits	
	Hampton Way	So. Kingstown	Included in Tower Hill Rd Limits	
	Kelley Way	So. Kingstown	Old Tower Hill Road to Pole 5	0.10
108	Kingstown Road	So. Kingstown	Charles Street to Columbia Street	0.80
	Main Street	So. Kingstown	Woodruff Avenue to Kingstown Road (Route 108)	0.40
	Old Tower Hill Road	So. Kingstown	Kingstown Road (Route 108) to Peckham Avenue	0.50
			Indian Head Trail to Old Tower Hill Road Overpass, including Torrey Road	
1	Tower Hill Road N & S	So. Kingstown	Jughandles, So County Commons Jughandle and Government Center Jughandles.	2.70
Total				4.50

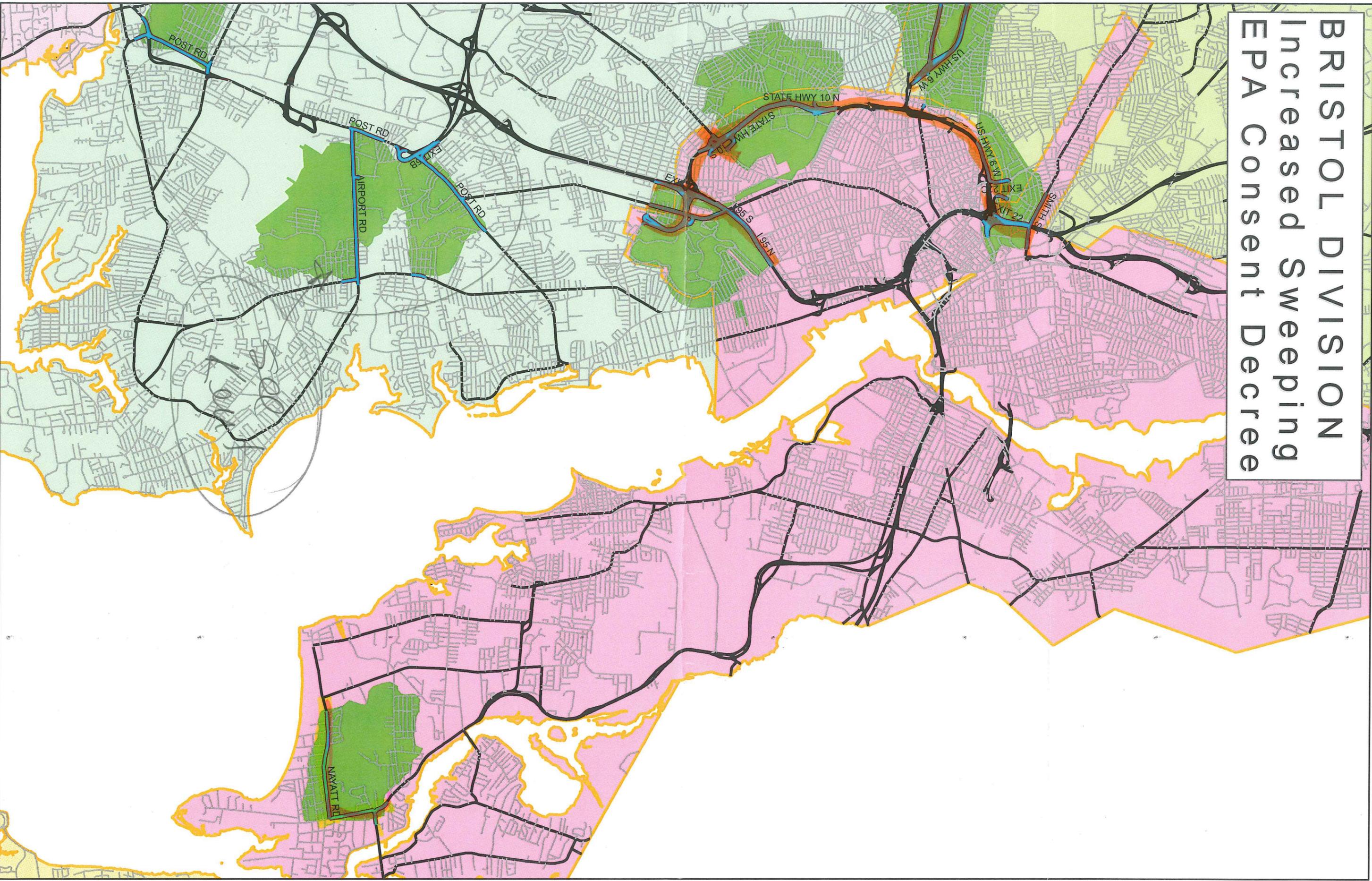
Kent Division

<u>Route</u>	<u>Street Name</u>	<u>Town</u>	<u>Limits</u>	<u>Mileage</u>
	Knotty Oak Road	Coventry	Highwood Drive to Hunter's Crossing Drive	0.40
	Airport Road	Warwick	Post Road to Pennington Street	1.60
37	EXIT 5B	Warwick	Included in Route 37 Limits	
	Greenwich Avenue	Warwick	Main Avenue to Veterans Memorial Pkwy.	1.10
	Jefferson Blvd.	Warwick	Included in Main Ave	
	Main Avenue	Warwick	Kenyon to Post Road Overpass include Jefferson Blvd Approach	0.20
	Post Road	Warwick	Airport Road to George Street, including Elmwood Ave Approaches	1.80
	Post Road	Warwick	Main Avenue to Post Road Ext.	0.70
37	STATE HWY 37 E & W	Warwick	Post Road to Jefferson Blvd Underpass, including Post Road Ramps	0.60
	Veterans Memorial Drive	Warwick	Under Construction 2016 -2017	
	Veterans Memorial Drive	Warwick	Under Construction 2016 -2017	
	Warwick Avenue	Warwick	Miantonomo Drive to Namquid Drive	0.20
	West Shore Road	Warwick	Included in Airport Road Limits	
			Total	6.60

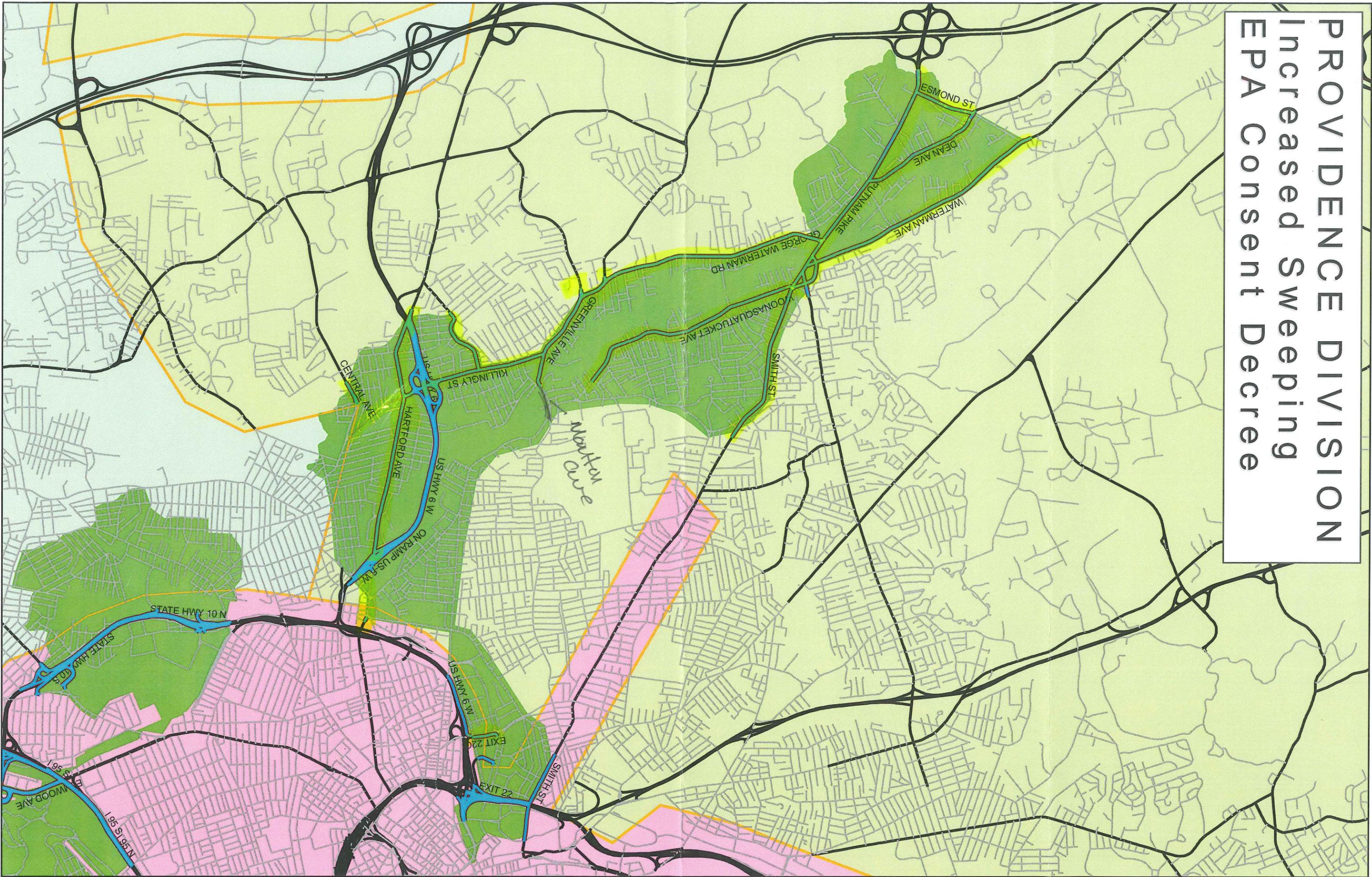
WASH-NORTH DIVISION
Increased Sweeping
EPA Consent Decree



BRISTOL DIVISION
Increased Sweeping
EPA Consent Decree

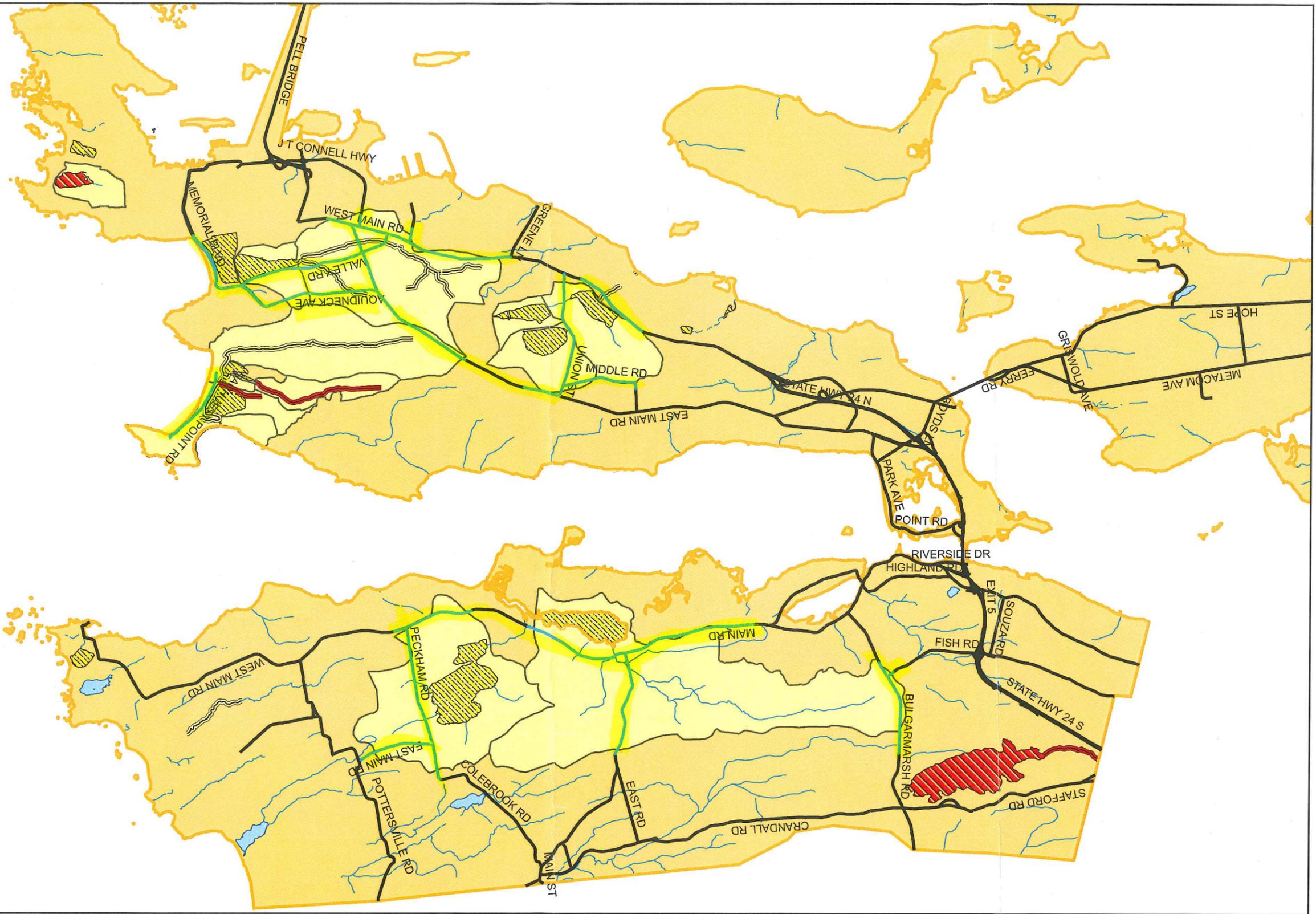


PROVIDENCE DIVISION
Increased Sweeping
EPA Consent Decree



PORTSMOUTH

Increased Sweeping



Drainage System Cleaning for 2016

Route	Street Name	Town	Limits
Non-Limited Access			
107	Main Street	Burrillville	Route 100 to Union Avenue
14	Plainfield Pike	Cranston/ Johnston/Scituate	Route 116 to Celia Lane
401	Division Street	E Greenwich	Route 4 to First Avenue
114	Pawtucket Avenue	E. Providence/ Pawtucket	Route 1A to Beverage Hill Avenue
100	Money Hill Road	Glocester	Route 102 to Route 98
	Borden Avenue	Johnston	Killingly Street to Argonne Street
	Central Avenue	Johnston	Providence City Line to Dennison Street
	Cherry Hill Road	Johnston	Intersection with Greenville Avenue (approx. 100 ft)
	Dean Avenue	Johnston	Esmond Street to Putnam Pike
	Geo. Washington Road	Johnston	Putnam Pike to Greenville Avenue
	Greenville Ave	Johnston	Geo. Waterman Road to Traver Avenue
	Greenville Ave	Johnston	Approach to Geo. Waterman Road (approx. 100 ft)
	Putnum Pike	Johnston	Pole 77 (Smithfield) to Smith Street (all Lanes) including Centerdale By-Pass
	Centerdale By-Pass	Johnston	Included in Putnam Pike limits
	Hartford Avenue	Johnston and Providence	Calumet Avenue to Plainfield Street (Providence)
	Killingly Street	Johnston and Providence	Greenville Avenue to Sunset Ave (Providence)
116	George Washington Hwy	Lincoln	Route 126 to Cumberland T/L
123	Albion Road	Lincoln/Smithfield	Jenckes Hill Road to Route 116
	Waterman Ave./Farnum Pike	North Providence	Putnam Pike to Ranglely Court
	Mineral Spring Avenue	North Providence	Putnam Pike to Sweet Street (Centerdale area)
	Smith Street	North Providence	Woonasquatucket Avenue to Capitol View Avenue
	Woonasquatucket Avenue	North Providence	Smith Street to Fruit Hill Avenue
	Dexter Street	Pawtucket/ Central Falls	School Street to Goff Street
	Manton Avenue	Providence	Traver Street (Johnston) to Chalkstone Ave
	Sunset Avenue	Providence	Johnston Town Line to Killingly Street
	Esmond Street	Smithfield	Putnam Pike to Dean Ave
44	Putnum Pike	Smithfield	Included in Johnston limits
104	Waterman Avenue	Smithfield	Included in No. Providence limits
1	US Route 1	South Kingstown	Route 108 to Government Center
108	Kingstown Road	South Kingstown	North Road to Columbia Street
138	Moorefield Road	South Kingstown	Broad Rock Road to US Route 1

Limited Access

6	US Hwy 6 EB & WB	Providence Cranston/	I 295 to Route 10
37	Route 37	Warwick	Natick Avenue to US Route 1
4	US Route 4	North Kingstown	Route 1 to 2000' north of Oak Hill Road
	Route 6/Hartford Avenue Interchange	Providence	All On and Off Ramps
	Exit 22C	Providence Warwick/	Off-Ramp to Providence Place
95	I 95	Cranston/Prov.	Service Avenue to US Route 1

Drainage System Cleaning for 2017

<u>Route</u>	<u>Street Name</u>	<u>Town</u>	<u>Limits</u>
<u>Non-Limited Access</u>			
44/100	Route 44/Route 100 Intersection	Glocester	Intersection
	Mechanic Street	Hopkinton	Nichols Lane to Route 3
114/138	Two Mile Corner	Middletown	Coddington Hwy to Bailey Brook
	Greenville Road	North Smithfield	Route 7 to Route 5
138	East Main Road	Portsmouth	Turnpike Avenue to Boyds Lane
	Park Avenue	Portsmouth	Route 138 to Norseman Drive
	Middle Road	Portsmouth	Union Street to Schoolhouse Road
6	Hartford Pike	Scituate/Johnston	I 295 to Danielson Pike
	High Street	South Kingstown	Route 1A to Route 108
108	Kingstown Road	South Kingstown	High Street to North Road
2	Bald Hill Road	Warwick	Route 113 to West Natick Avenue
2	Bald Hill Road	Warwick	West Natick Road to U-Turn at WB Mason

Limited Access

146	Route 146	Providence/ N Providence/ Lincoln	I 95 to .6 miles south of Sherman Avenue
4	Route 4	North Kingstown/ E Greenwich/ Warwick	Route 403 to I 95
95	I 95	Providence	US Route 1 to Eddy Street

2015
Non-Catch Basin and Manhole
Closed Drainage System Components

CONTRACT #	Project Description	CLEANING AND FLUSHING PIPE ALL SIZES (LF)
2012-CB-001	Central Bridge #182 Approaches	340
2012-CB-030	Ten Rod Road Bridge #591, Exeter	
	I 95 NB & SB	980
	Route 102	60
2012-CT-103	Highway Safety Improvement Program (HSIP) - Contract 4 - Central, Cranston	2,243
2012-CT-104	High Hazard - Intersection (South) Short Term Improvements, Coventry/East Greenwich/South Kingstown/Warwick/West Warwick	2,000
2013-CB-083	Barton Corner Bridge #518, East Greenwich/Warwick/West Warwick	
	I 95 NB & SB	2,110
	Route 2	1,475
	Ramps	245
2013-CH-004	I-195 Relocation - Contract 14 (West Side City Streets), Providence	
	Chestnut Street	63
	Clifford Street	85
	Dorrance Street	23
	Dyer Street	58
	Eddy Street	100
	Friendship Street	20
2013-CH-009	Elmwood Avenue (C-3), Providence	
	Cadillac Drive to Service Road 7	4,036
2013-CH-056	I-195 Relocation - Contract 15 (East Side City Streets)-Providence	
	Rosary Access Road	20
	South Main Street	38
2013-CH-069	Providence Roadway & Traffic Signal Improvements	6,273
2013-CT-060	State Traffic Commission - Contract 3, Cranston/Johnston	1,121
2014-CB-057	Route 2, Bald Hill Road Southbound Bridge #722, Warwick	30
2014-CB-064	Bridge Demolition - Armstrong Bridge #893, Newport/Portsmouth	443
2014-CH-018	1R Improvements to Ocean Avenue, New Shoreham	61
2014-CH-036	Colt State Park Bike Path Connector, Bristol	20
2014-CH-039	1R Improvements to Mineral Spring Avenue, North Providence/Pawtucket	4,360
2014-CH-045	Reconstructionn of Two Mile Corner - Stormwater Management Facility, Middletown (O'Neil Boulevard)	131
2014-CH-054	I-95 Drainage Repairs, West Warwick	918
2014-CH-055	Improvements to Route 146A & Park Avenue Intersection, North Smithfield (Intersection and approaches)	482
2014-CH-069	ADA Rehabilitation of Park & Ride Lots, Statewide	1,800
2014-CH-074	Improvements to US Route 1, Charlestown	11,604
2014-CT-015	RI*STARS - Aquidneck Island - America's Cup Avenue & Memorial Blvd.Improvements (HSIP Funds), Newport	3,563
2015-CH-031	Improvements to Route 4 - Contract 1, North Kingstown	6,945
2015-CH-050	Improvements to New River Road Lincoln	237
	TOTAL	51,884