

CDM Smith Inc.  
Consulting Engineers  
260 West Exchange Street, Suite 300  
Providence, Rhode Island 02903

Date Issued: March 6, 2015

TO: All Bidders of Record

RE: City of New Bedford, Massachusetts  
Phase 1 – Coggeshall Street Sewer Separation  
Bid No. 15439042  
CWSRF 3858

Receipt of Bids: 3:00 PM, Thursday, March 12, 2015

This Addendum shall be part of the Contract Documents for the above referenced project.

Acknowledge receipt of this Addendum by inserting its number and date in the space provided on Page 00300-1 of the Bid Form. Failure to do so may subject the bidder to disqualification.

#### SPECIFICATIONS

A. Section 00010 – Table of Contents

1. Page 00010-3, APPENDICES, in reference to Appendix C, **DELETE** “(To be inserted)”.

B. Section 00800 – Supplementary Conditions

2. Page 00800-7, Article 6 – Contractor’s Responsibility, 6.02.C, **INSERT** the following new Article 6.02.C.3:

“3. When working within the MassDOT right-of-way, Contractor will be required to expedite the work as quickly as possible. Working hours shall be in accordance with approved Massachusetts Department of Transportation, Highway Division Permit to Access State Highway.”

C. Section 01570 – Traffic Regulations

1. Page 01570-2, Paragraph 1.01I, **INSERT** the following new sentences at the end of the paragraph:

“Work within the right-of-way of MassDOT (Route 18) shall be in accordance with the approved Massachusetts Department of Transportation, Highway Division Permit to Access State Highway. Should the contractor wish to modify the working hours outlined within the Permit, Contractor shall submit a written request to the Owner, Engineer, and MassDOT, Highway Division for modifications to the time restrictions.”

D. Section 02550 – Work

1. Page 02550-1, Paragraph 1.01B, **DELETE** “appended to this Section” and **INSERT** “included within Appendix C”.
2. Page 02550-2, **INSERT** the following new paragraphs after Paragraph 3.01.B.9:
  - “10. Comply with MassDOT Permit and traffic management plans as shown on the Drawings and specified here.
  11. Refer to the MassDOT Permit for requirements regarding working times within the State Highway right-of-way.”

E. Section 02576 – Pavement Repair and Resurfacing

1. Page 02576-2, **INSERT** the following new sentence at the end of Paragraph 1.04.A:

“The MassDOT District office shall be notified two business days prior to the start of the infra-red pavement repair work so that an inspector may be assigned. Any inspection services performed by the MassDOT shall be paid for by the Contractor. For bidding purposes the contractor shall include an allowance of \$5,000 for inspectional services.”
2. Page 02576-3, **INSERT** the following new Paragraph 2.01.B.5:

“5. Pavement within the MassDOT right of way shall be as follows:

  - a. HMA base course shall consist of HMA Base Course
  - b. HMA binder course shall consist of HMA Base/Intermediate Course Binder
  - c. HMA top course shall consist of HMA Modified Top.”
3. Page 02576-7, **DELETE** Paragraph 3.04.A.2 and **INSERT** the following:

“2. After excavation and pipe laying, the trench shall be backfilled with controlled density fill such that it flows under and around the pipe or conduit, providing uniform support without leaving voids and placed to a minimum depth of 19-in below the finished grade of the existing roadway surface. The trench shall be plated and ramped with hot mix asphalt. No plates shall be left over the weekend.”
4. Page 02576-7, **DELETE** Paragraph 3.04.A.4, and **INSERT** the following:

“4. The trench-width shall then be patched permanently with 7-in of hot mix asphalt (HMA) consisting of 3-in HMA base course, 2-in HMA binder course, and 2-in HMA modified top course over 4-in of dense graded crushed stone compacted to 95-percent over 8-in gravel compacted to 95 percent. All abutting edges of the existing pavement shall be painted with RS-1 Emulsion immediately prior to the placement of the permanent HMA.”

F. APPENDIX

1. Appendix C, **ADD** the Massachusetts Department of Transportation, Highway Division Permit to Access State Highway attached.

DRAWINGS

A. Sheet No. C-3 – Miscellaneous Details III

1. **ADD** the following note in reference to the Sewer/Drain Manhole Types “C”, “D”, “E”, and “F”:

“Manhole within MassDOT right-of-way shall conform to MassDOT standards as specified in Section 02605 and 01025. Refer to the Massachusetts Department of Transportation, Highway Division Permit to Access State Highway for additional requirements when working in the State right-of-way.”

B. Sheet No. C-5 – Miscellaneous Details V

1. **ADD** the following note in reference to the Common Trench Detail with Shelf, Common Trench Detail Storm Drain and Water Main, and Standard Initial Trench Width Pavement Repair Details:

“Backfill, roadway sub-base, and pavement within the MassDOT right-of-way shall be in conformance with the approved Massachusetts Department of Transportation, Highway Division Permit to Access State Highway.”



Charles D. Baker, Governor  
Karyn E. Polito, Lieutenant Governor  
Stephanie Pollack, Secretary & CEO  
Frank DePaola, Administrator



Permit #: 5-2015-0002

## PERMIT – NEW BEDFORD

Subject to all terms, conditions, and restrictions printed, attached or written below, and on the reverse side hereof, permission is hereby granted to the **CITY OF NEW BEDFORD DEPARTMENT OF PUBLIC INFRASTRUCTURE**, Ronald Labelle, 1105 Shawmut Avenue, New Bedford, MA 02746 to enter upon the State Highway in the City of **NEW BEDFORD** on Auto Route 18 SB at the intersection of Coggeshall Street and Ashley Boulevard, for the purpose of performing sewer main improvements within the State Highway Layout.

This work is part of Utility and Sewer separation improvements project known as Phase 1 Coggeshall Street Sewer Separation where the majority of the work will be performed on Town Road.

Work within the State Highway Layout includes installing a new catch basin, a new 4' (ft) diameter drain manhole, an 18-inch reinforced concrete drain pipe from a new manhole on Coggeshall Street to a proposed manhole on Ashley Boulevard (Route 18), new 12-inch Ductile Iron (DI) drain pipe from existing and new catch basins to a new drain manhole; and abandoning existing sewer main pipes.

- 1) A new catch basin will be installed at the northeasterly corner of Coggeshall Street and Route 18 NB (Ashley Boulevard). Proposed 12-inch PVC pipe will be connected from the new catch basin to a new drain manhole on Coggeshall Street (Town Road), at approximate Station 0+00.
- 2) A new 4' (ft) diameter drain manhole will be installed on the southwesterly side of the intersection at Station 0+22.
- 3) The 18-inch reinforced concrete drain pipe installation will begin from a new drain manhole on Coggeshall Street (Town Road) and will proceed westerly within an open cut trench to connect to the new drain manhole on Route 18 SB (Ashley Boulevard) at Station 0+22.
- 4) Existing 12-inch Cast Iron (CI) sewer mains will be plugged and abandoned; existing and new catch basins will be connected to a new drain manhole with 12-inch (DI) pipe as shown on the plan.

**THIS PERMIT IS BEING ISSUED FOR WORK WITHIN THE STATE HIGHWAY LAYOUT (S.H.L.O.) ONLY. AUTHORIZATION TO PERFORM ASSOCIATED WORK OUTSIDE OF S.H.L.O. MUST BE GRANTED BY IMPACTED PROPERTY OWNERS.**

**PRIOR TO ANY WORK BEING DONE WITHIN THE STATE HIGHWAY LAYOUT, THE GRANTEE MUST CONTACT THE DISTRICT PERMIT ENGINEER AT (508) 884-4306 TO OBTAIN APPROVAL FOR THE PROPOSED WORK SCHEDULE. DURING THE DURATION OF THE PROJECT, THE GRANTEE MUST CONTINUE TO CONTACT THE DISTRICT PERMITS OFFICE, BY THE CLOSE OF BUSINESS ON THURSDAY OF EACH WEEK, TO REQUEST APPROVAL FOR THE FOLLOWING WEEK'S WORK SCHEDULE.**

## “FOLLOWING CONDITIONS APPLY TO PERMITS”

### Conditions Relating Particularly to Permits for the Laying of Pipes, Conduits, etc.

After any pipes, conduits, drains or other underground structures are laid, or any excavation is made in the roadway, the trenches or openings shall be properly backfilled with suitable material, the back-filling shall be thoroughly tamped, and the surface of the road over said structures shall be left even with the adjoining ground. If the work is done in cold weather no frozen material shall be used for back-filling.

Wherever the hardened surface of the roadway, gutters, or any part of the surface of the highway is disturbed it shall be replaced in as good condition as before it was disturbed, and if new materials are required they shall correspond with those already in place on the road.

Where service pipes are to cross the highway the connections shall be made without disturbing the hardened surface of the roadway, by driving the pipes under the roadway, or the service pipes shall be carried under and across the road in a larger pipe, unless otherwise ordered by the Director.

The Grantee shall maintain the surface of the roadway over said structures as long as MassDOT may deem necessary, until all signs of the trenches shall have been eliminated.

### Conditions Relating Particularly to Permits for the Erection of Poles, Wires, and Overhead Structures, and the Cutting and Trimming of Trees

In the erection of pole lines, unless otherwise herein provided, no trees located within the limits of the State Highway shall be cut or trimmed. No guy wires shall be attached to trees without a special permit from MassDOT, and in no event shall they be so attached as to girdle the trees or in any way interfere with their growth. The wires shall be so protected at all time and places that they shall not interfere with or injure the trees either inside or outside the location of the highway.

Where the cutting or trimming of trees is authorized by this permit, only such cutting and trimming shall be done as may be designated by the Director.

In the construction or reconstruction of pole lines no guy wires shall be erected nearer to the surface of the ground than six feet; provided, however, that the owners of such lines may maintain such guy wires at a lower elevation than six feet from the ground until such time as MassDOT shall notify them to remove said wires or to the elevation first stated.

In order to protect the trees through which any wires may pass, said wires shall be insulated and such other tree guards used as may be directed by the Director.

Where high tension wires are erected under this permit, they shall be so located that, under conditions of maximum severity as regards a coating of ice or snow, there shall be a space of at least eight feet between such high tension wires and other wires.

The Grantee shall, within sixty days from the date of completion of the work, file in the office of MassDOT a plan showing the location of each pole erected in accordance with the permit, said plan to be of such size and in such form as MassDOT may direct.

### General and Additional Conditions

Whenever the word “MassDOT” is used herein it shall mean the Massachusetts Department of Transportation of the Commonwealth of Massachusetts.

Whenever the word “Director” is used herein it shall mean the District Highway Director or other authorized representative of MassDOT.

Whenever the word “Grantee” is used herein it shall mean the person or persons, corporation or municipality to whom this permit is granted, or their legal representatives.

During the progress of the work all structures under ground and above ground shall be properly protected from damage or injury; such barriers shall be erected and maintained as may be necessary for the protection of the traveling public; the same shall be properly lighted at night; and the Grantee shall be responsible for the damages to persons or property due to or resulting from any work done under this permit.

Except as herein authorized, no excavation shall be made or obstacle placed within the limits of the State highways in such a manner as to interfere unnecessarily with the travel over said road.

If any grading of sidewalk work done under this permit interferes with the drainage of the State highway in any way, such catch basins and outlets shall be constructed as may be necessary, in the opinion of the Director, to take proper care of such drainage.

Wherever the hardened surface of the roadway is disturbed and the Director may consider it necessary or advisable to do so, said surface will be restored by the employees of MassDOT, at such time as MassDOT may direct, and the expense thereof shall be borne by the Grantee, who shall purchase and deliver on the road the materials necessary for said work if and when directed by the Director. All payments to the supplier and to laborers, inspectors, etc., employed by MassDOT for or on account of the work herein contemplated shall be made by said Grantee forthwith on receipt of written orders, pay rolls, or vouchers approved by MassDOT.

IF THE GRANTEE DOES ANY WORK CONTRARY TO THE ORDERS OF THE DIRECTOR, AND, AFTER DUE NOTICE, FAILS TO CORRECT SUCH WORK OR TO REMOVE STRUCTURES OR MATERIALS ORDERED TO BE REMOVED, OR FAILS TO COMPLETE WITHIN THE SPECIFIED TIME THE WORK AUTHORIZED BY THIS PERMIT, MASSDOT MAY, WITH OR WITHOUT NOTICE, CORRECT OR COMPLETE SUCH WORK IN WHOLE OR IN PART, OR REMOVE SUCH STRUCTURES OR MATERIALS, AND THE GRANTEE SHALL REIMBURSE MASSDOT FOR ANY EXPENSE INCURRED IN CORRECTING AND/OR COMPLETING THE WORK OR REMOVING THE STRUCTURES OR MATERIALS.

ALL OF THE WORK HEREIN CONTEMPLATED SHALL BE DONE UNDER THE SUPERVISION AND TO THE SATISFACTION OF THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION, AND THE ENTIRE EXPENSE THEREOF SHALL BE BORNE BY THE GRANTEE.

On the completion of the work herein contemplated all rubbish and debris shall be removed and the roadway and roadsides shall be left neat and presentable and satisfactory to the Director.

MassDOT hereby reserves the right to order the change of location or the removal of any structure or structures authorized by this permit at any time, said change or removal to be made by and at the expense of the Grantee or its / their successors or assigns.

This permit may be modified or revoked at any time by MassDOT without rendering said MassDOT or the Commonwealth of Massachusetts liable in any way.

The Grantee shall pay the salary, subsistence and travel expenses of any inspector appointed by MassDOT to supervise the work herein contemplated.

All of the above conditions shall be applicable to the work herein authorized, unless the same are inconsistent with the conditions on the face of the permit, in which case the conditions written or printed on the face of the permit shall apply.

The acceptance of this permit or the doing of any work thereunder shall constitute an agreement by the Grantee to comply with all of the conditions and restrictions printed or written herein.

THE GRANTEE(S) MUST ADHERE TO 520 CMR 14.00: EXCAVATION AND TRENCH SAFETY AS PROMULGATED BY THE DEPARTMENT OF PUBLIC SAFETY IN CONJUNCTION WITH THE DIVISION OF OCCUPATIONAL SAFETY PURSUANT TO AUTHORITY GRANTED BY M.G.L. c. 82A § 1. IF NOT ALREADY APPROVED, THE ATTACHED TRENCH PERMIT RIDER MUST BE COMPLETED AND SUBMITTED TO MASSDOT, HIGHWAY DIVISION, BEFORE ANY TRENCH WORK IS PERFORMED UNDER THIS PERMIT.

All work is to be done as described herein and as shown on the plan(s) entitled "City of New Bedford, Massachusetts, Wastewater System Improvements - Phase 1 - Coggeshall Street Sewer Separation" as drafted by CDM Smith, 260 West Exchange Street, Suite 300, Providence, RI 02903, tel.: (401) 751-5360, and last revised February 13, 2015.

\* THE GRANTEE(S) IS RESPONSIBLE FOR ASSURING THAT ALL WORK ASSOCIATED WITH THIS PERMIT INVOLVING PRESSURE WASHING, PUMPING, OR ANY OTHER ACTIVITY CAUSING WATER TO ACCUMULATE IN THE ROADWAY IS TREATED TO AVOID ICING CONDITIONS DURING THE WINTER SEASON. IF THIS OCCURS, THE GRANTEE(S) WILL BE REQUIRED TO ADDRESS THIS ISSUE BY SPREADING SALT OR OTHER DE-ICING MATERIALS AT THEIR EXPENSE. IF MASSDOT HAS TO RESPOND TO ICING CONDITION AS A RESULT OF THE WORK PERFORMED, THE GRANTEE(S) WILL BE BILLED FOR ALL COSTS INCURRED BY MASSDOT, HIGHWAY DIVISION TO CORRECT THIS SAFETY ISSUE.

**THE BACKFILLING METHOD FOR WORK WITHIN THE HARDENED SURFACE WILL BE AS FOLLOWS:**

The pavement shall be saw cut in neat, true lines along the length of the trench. The trench shall then be excavated, the utility work performed, and backfilled with Controlled Density Fill (CDF – M4.08.0, Type 2E Flowable and Excavatable). The CDF shall flow under and around the pipe or conduit, providing uniform support without leaving voids and placed to a minimum depth of 19-inches below the finished grade of the existing roadway surface. The 19-inches of permanent patch shall consist of a minimum of 7" (inches) of Hot Mix Asphalt over 4" (inches) of Dense Crushed Stone (DGCS) over 8" (inches) of Gravel.

The trench shall then be SECURELY PLATED AND RAMPED WITH HOT MIX ASPHALT overnight to allow the Controlled Density Fill to cure. The plates may need to be recessed to the finished grade of the roadway as directed by the Engineer. Unless circumstances are beyond control due to an emergency, NO PLATES MUST BE LEFT OVER THE WEEKEND. Special attention must be given during the winter months.

All abutting vertical edges of the existing pavement shall then be coated with Bitumen for Tack Coat RS-1 Emulsion immediately prior to the placement of the permanent Hot Mix Asphalt (HMA) patch.

The permanent Hot Mix Asphalt (HMA) patch shall consist of 7-inches of Hot Mix Asphalt or match the existing pavement thickness, whichever is larger. The 7-inches must consist of 3-inches of Hot Mix Asphalt Base Course, 2-inches of Hot Mix Asphalt Binder Course and 2-inches of Hot Mix Asphalt Modified Top Course.

The infra-red method must be used in conjunction with the permanent patch (for small openings) to create a smooth driving surface consistent with the existing roadway surface. The District Office must be notified two business days prior to starting this work, so that an inspector may be assigned.

All disturbed traffic pavement markings shall be replaced in kind.

The Grantee(s) shall be responsible for the maintenance and repair of this portion of the roadway and shall perform routine inspections for deficiencies such as settling, heaving, cracks, etc. This responsibility shall remain in effect until the resurfacing of this particular portion of roadway is performed by MassDOT, Highway Division.

If it becomes necessary, MassDOT, Highway Division, shall assign an inspector on any project and the inspector will be paid for under a reimbursable account by the Grantee(s).

### **SIDEWALK RECONSTRUCTION**

The sidewalk shall match the existing conditions and shall be reconstructed with 4-inch dense graded crushed stone with a 3-inch hot mix top course laid in 2 courses at 1-1/2-inch each, or 4-inch of cement concrete.

The reconstructed sidewalk must be compacted and graded in such a manner that no ponding of water occurs within the Highway Layout. If such ponding results, the Grantee(s) shall be responsible for its correction.

Concrete wheelchair ramps shall be in conformance with the Architectural Access Board Regulations within all sidewalk areas located at drives or roadway intersections that may be included in this project.

The Grantee(s) shall be responsible for the maintenance and repair of the portion of the proposed sidewalk located within the State Highway Layout and shall routinely inspect the sidewalk for deficiencies such as settling, heaving, cracks etc. This responsibility shall remain in effect until MassDOT, Highway Division or the Town reconstructs the sidewalk.

### **TIME RESTRICTIONS AND NOTIFICATIONS**

Special attention shall be given when performing work that will impact MassDOT, Highway Division, snow and ice operations.

No work shall be performed in the hardened surface of the roadway between November 15th and April 1st of any year without prior written approval from the District Highway Director.

No pavement shall be laid between November 15th and April 1st of any year without prior written approval from the District Highway Director.

No work shall be performed on this project on Saturdays, Sundays, and Holidays, or on the Friday after a Thursday Holiday. Work is also restricted on the day before and the day after a long Holiday weekend without prior written approval by the District Highway Director.

No equipment, trucks, etc., shall occupy any part of the travelled way except between the hours of 9:00a.m. and 3:00p.m., Monday - Friday. In no case will operations exceed the specified hours. This includes the placement of traffic control devices, equipment or anything that restricts the flow of traffic through the construction zone. Any change in work hours will require prior written approval by the District Highway Director.

All other work on this project is restricted to a normal 8-hour day, Monday - Friday, with the prime Contractor and all subcontractors working on the same shift. Any change in work hours will require prior written approval by the District Highway Director.

MassDOT, Highway reserves the right to limit work hours to the 9:00 a.m. - 3:00 p.m. time frame if construction activities result in significant disruption to traffic. The 12 minute rule will remain in effect for the duration of the permit.

### **GENERAL TRAFFIC MANAGEMENT AND SAFETY REQUIREMENTS**

When any portion of the roadway will be blocked with equipment to facilitate the proposed work, the Grantee(s) will be required to adhere to the attached Traffic Management Plan (TMP) or submit a proposed TMP to MassDOT, Highway Division, to be reviewed and approved by the District Traffic Maintenance Engineer prior to working within or impacting the roadway. The plan must include information relating to proper signing, traffic control device placement and police details.

It is imperative to maintain two-way traffic at all times and these operations are managed so that motorists travel "delay" is minimized. At any time during the operation when a traffic delay of over twelve (12) minutes occurs and the situation is worsening, the Resident Engineer, Contractor or Police Detail will begin to suspend operations. Continuously increasing "delays" of over twelve (12) minutes are not to be permitted.

If traffic must be "stopped", the duration shall not be more than five (5) minutes.

Uniformed State/Local Police Officer(s) and their official vehicle(s) may be necessary to provide protection for those installing and removing all temporary traffic warning signs and devices and to perform all traffic management as required.

The Grantee(s) will monitor the flow of traffic during peak traffic volumes and if necessary, shall suspend all operations. Work will resume at the discretion of the Police detail officer and/or to the satisfaction of the supervising MassDOT, Highway Division, Engineer.

In the event of inclement weather or dense fog, which lessens the visibility of advanced warning signs, vehicles and workers, the Grantee(s) will suspend all operations so as not to interfere with the safety of the motoring public and the operations of work. In the event of snow or icing conditions, all vehicles and equipment must be removed from the roadway and/or shoulder area so as not to interfere with Snow and Ice Operations.

The Grantee(s) shall provide safe and ready means of access and egress to all public and private roads and drives 24 hours per day. Every effort must be made as not to interfere with or inconvenience all abutters throughout the duration of this project.

Signs and traffic control devices are required for advanced notice of the work and within the work area.

The Grantee(s) or Applicant will supply all required signs and traffic warning devices and shall be in accordance with the Massachusetts Manual on Uniform Traffic Control Devices. The number and location of all signs and devices shall be as deemed necessary by the Engineer for the safe and efficient performance of the work and the safety of the travelling public.

All warning devices shall be subject to removal, replacement and/or repositioning by the applicant as often as deemed necessary by the Engineer.

Cones or non-reflectORIZED warning devices shall not be left in operating position on the highway when the daytime operations have ceased. If it becomes necessary for MassDOT, Highway Division, to remove the construction warning devices or their appurtenances from the project due to negligence by the applicant, all costs for this work will be charged to the Grantee(s).

All vehicles, except passenger's cars, which are assigned to the permitted project and which operate on the site at speeds of 25 MPH or less, shall have an official SLOW MOVING VEHICLE emblem displayed. All vehicles and equipment on this project must be equipped with back-up alarms.

All personnel who are working on the travelled way or breakdown lanes shall wear approved safety vests and hard hats.

### **GENERAL CONDITIONS AND APPROVED PROCEDURES**

The Grantee(s) must contact the "Dig Safe" Center at 811 to obtain a "Dig Safe" number prior to starting the proposed excavation for the purpose of identifying the location of underground utilities.

IF THE PROPOSED WORK FALLS WITHIN THE AREA OF A SIGNALIZED INTERSECTION, the Grantee(s) must contact the District Traffic Maintenance Engineer at (508) 884-4208 at least two business days prior to the commencement of said work to locate the existing traffic signal conduit/detectors and to coordinate this work so as not to disturb the traffic signals. The Grantee(s) will be responsible to repair/replace all damaged items and will be billed for any cost incurred to restore normal operation to MassDOT, Highway Division, signal equipment to the satisfaction of the Engineer.

Unless otherwise stated, no hardened surface of the State Highway may be disturbed.

When an opening in the roadway is required and permitted herein, the opening must be as small as possible to perform the proposed work.

If the integrity of any existing sidewalks, catch basins, manholes or any other underground structures or equipment is compromised, the Grantee(s) will reconstruct and/or replace all items according to MassDOT, Highway Division, Standards at the cost of the Grantee(s) and to the satisfaction of the Engineer.

The Grantee(s) must not disturb or remove any MassDOT, Highway Division, Bound(s) (MHB) associated with this project. If so disturbed or missing, the bound(s) must be reset/replaced by a Registered Land Surveyor. All procedures and materials must be in compliance with Massachusetts Design and Construction Standards. A copy of the paid bill must be submitted to this office upon completion of said work.

All traffic safety lines if disturbed shall be replaced in kind.

All disturbed areas within the State Highway Layout must be graded, loamed, and seeded to the Engineer's satisfaction.

All debris and litter remaining from the proposed construction shall be removed by the Grantee(s) and the area left clean daily.

### **DRAINAGE AND UTILITY CASTINGS**

"The use of risers to adjust drainage and utility structures will not be allowed. All adjustment work done to existing or new drainage structures shall conform to Section 220 of MassDOT, Highway Division, Standard Specifications and according to Plates 201.3.0 and 202.9.0 of MassDOT, Highway Division, Construction Standards."

### **ENVIRONMENTAL LIABILITY AND COMPLIANCE**

The Grantee(s) assumes all risk associated with any environmental condition within the subject property and shall be solely responsible for all costs associated with evaluating, assessing, and remediating, in accordance with all applicable laws, any environmental contamination (1) discovered during Grantee's work or activities under this Permit to the extent such evaluation, assessment or remediation is required for Grantee's work, or (2) resulting from the Grantee's work or activities under this Permit. The Grantee(s) shall notify MassDOT, Highway Division, of any such assessment and remediation activities.

The Grantee(s) is hereby held solely responsible for obtaining and maintaining any and all environmental compliance permits required by local, state, and federal laws and regulations when regular or emergency work is proposed within, or in close proximity to, any wetland area. These environmental compliance requirements include, but are not limited to, a Negative Determination of Applicability or Order of Conditions from the local Conservation Commission, a Water Quality Certificate from the Department of Environmental Protection, and a Programmatic General Permit from the U.S. Army Corps of Engineers. The Grantee(s) shall forward to MassDOT, Highway Division, a copy of each such environmental compliance permit.

### **CLOSING CONDITIONS**

**ALL OF SAID WORK SHALL COMPLY WITH THE TERMS AND CONDITIONS HEREIN, AND MUST BE DONE AS DIRECTED BY AND TO THE SATISFACTION OF THE ENGINEER.**

All work under this Permit shall be done in conformance with the Massachusetts Highway Department Standard Specifications for Highways and Bridges dated 1988, the Supplemental Specifications dated June 15, 2012, and the Interim Supplemental Specifications, the 2012 Construction Standard Details, the 1990 Standard Drawings for Signs and Supports; the 2009 Manual on Uniform Traffic Control Devices (MUTCD) with Massachusetts Amendments and the Standard Municipal Traffic Code; the 1968 Standard Drawings for Traffic Signals and Highway Lighting; the latest edition of American Standard for Nursery Stock; the Plans and these Special Provisions.

The Grantee(s) shall indemnify and save harmless the Commonwealth and MassDOT, Highway Division, against all suits, claims or liability of every name and nature arising at the time out of or in consequence of the acts of the Grantee(s) in the performance of the work covered by this Permit and/or failure to comply with the terms and conditions of this Permit whether by themselves or their employees or subcontractors.

It is noted that the Grantee(s) will be responsible for future corrective actions resulting from defected work under the subject permit. Any damage to roadway and/or shoulder as a result of the permitted work is the Grantee's responsibility and shall be repaired at his/her expense.

**THE GRANTEE(S) SHALL CONTACT THE PERMITS SECTION AT (508) 884-4306 WHEN THE WORK REQUIRED UNDER THIS PERMIT HAS BEEN COMPLETED IN ORDER FOR A FINAL INSPECTION TO BE PERFORMED BY MASSDOT, HIGHWAY DIVISION. IF THE COMPLETION OF WORK FORM IS NOT RETURNED, THE LIABILITY ASSUMED UNDER THIS PERMIT WILL CONTINUE.**

A COPY OF THIS PERMIT MUST BE ON THE JOB SITE AT ALL TIMES FOR INSPECTION.  
FAILURE TO HAVE THIS PERMIT AVAILABLE AT THE SITE WILL RESULT IN SUSPENSION  
OF THE RIGHTS GRANTED BY THE PERMIT.

No work shall be done under this Permit until the Grantee has communicated with and received instructions from MassDOT, Highway Division's District Highway Director at 1000 County Street, Taunton, MA 02780.

The Permit shall be void unless the work herein contemplated shall have been completed before MARCH 4, 2016.

Dated at TAUNTON this 4TH day of MARCH, 2015.

MassDOT-Highway Division,

By



Mary-Joe Perry  
District Highway Director

 FSJ: fsj  
cc: Foreman

RECEIVED  
JAN - 6 2015

## Application for Permit to Access State Highway

*This Access Permit Application, including the attached Access Permit Submittal Checklist, must be completed in full by the Applicant. Instructions for this page are located on page 2. Descriptions of the two types of access permits and related categories are located on page 6. MassDOT will make the final determination regarding Access Permit Application type and category.*

RECEIVED  
JAN 12 2015  
PERMITS OFFICE

1. Town/City: City of New Bedford
  2. State Highway route number and/or name: Route 18 - Ashley Boulevard
  3. Locus/Property Address: Intersection of Coggeshall Street and Route 18 South (Between Sta. 0+00 and 1+00)
  4. Description of property and/or facility for which access is sought (attach additional sheets if necessary):  
Temporary access to travel lanes just south of the intersection of Route 18 South and Coggeshall Street as detailed on attached documentation.
  5. Description of work to be performed within State Highway Layout (attach additional sheets if necessary):  
Installation of new 12" DI drain from existing catch basins to new drain manhole and 18" RC drain at Ashley Boulevard and Coggeshall Street.
- Telecommunications (wireless or wireline) or Renewable Energy (Solar, Wind, etc) – Agreement Process and OREAD\* coordination required. (\*see pg 2 Instruction)

6. Dig Safe number: 2014-5001048
7. Applicant Information <sup>1</sup> (See footnote below.)  
Name City of New Bedford Department of Public Infrastructure; Ronald Labelle Commissioner  
Mailing Address 1105 Shawmut Avenue  
New Bedford, MA 02746  
Telephone 508-979-1556  
Fax 508-961-3054  
E-Mail ronald.labelle@newbedford-ma.gov  
Signature Ronald A. Labelle  
Print Name Ronald Labelle  
Date 12-31-14

8. Property Owner  
Name \_\_\_\_\_  
Mailing address \_\_\_\_\_  
Telephone \_\_\_\_\_  
Fax \_\_\_\_\_  
E-Mail \_\_\_\_\_  
Signature \_\_\_\_\_  
Print Name \_\_\_\_\_  
Date \_\_\_\_\_

Return completed application, including Submittal Checklist, to the District Highway Director for your town/city. Refer to reverse side for appropriate address.

**For office use only. Do not write below this line.**

- |   |  |
|---|--|
| 1. Application number: <u>5-2015-0002</u> | 6. Section 61 Finding date: _____                    |
| 2. Date received: <u>JAN 12 2015</u>      | 7. Mass. Historic Action (yes or no): _____          |
| 3. Fee amount (non-refundable): _____     | 8. Plans returned to DHD: _____                      |
| 4. Completeness Pre-Review date: _____    | 9. Permit Type/Category: _____                       |
| 5. MEPA required (yes or no): _____       | 10. Application complete date: _____                 |
| ENF-EOEEA Cert. # _____                   | 11. Permit written date: _____                       |
| EIR-EOEEA Cert. # _____                   | 12. Permit issued date: <u>MAR - 4 2015</u>          |
| Other-EOEEA Cert. # _____                 | 13. Permit denied: _____                             |
|   | 14. Permit Recording date at Registry of Deeds _____ |

<sup>1</sup> If an agent is representing an Applicant, the application must include a notarized letter from the Applicant outlining the specified duties and responsibilities of the agent. Where work is proposed on a utility, the utility department must sign the application as the Applicant(s).

# Instructions for Completing Application for Permit to Access State Highway



## General Instructions

MassDOT's Highway Division is granted authority to issue State Highway Access Permits by M.G.L. Chapter 81, Sec. 21. MassDOT adopted 720 CMR 13.00 under the authority of M.G.L. c. 81, § 21 and M.G.L. c.85 §2. 720 CMR 13.00 supersedes the Standard Operating Procedures for Review of State Highway Access Permits dated November 30, 1971, and board vote of September 17, 1991.

**ACCESS is generally defined, but not limited to:**

Any physical work performed within the State Highway Layout.

This Application governs issuance of the two types of access permit Applications, Non-Vehicular and Vehicular, which are issued under three categories:

- Category I Minor Vehicle Access Permits
- Category II Major Vehicular Access Permits
- Category III Complex Vehicular Access Permits

Please refer to the **MassDOT Highway Access Permit Submittal Checklist** for details regarding permit types and submittals required.

**FEES:**

A Check payable to MassDOT for the appropriate permit application fee must accompany the permit application. Fees are non-refundable.

**Fee schedule for access and Utility Payments:**

**Residential Access Permits**

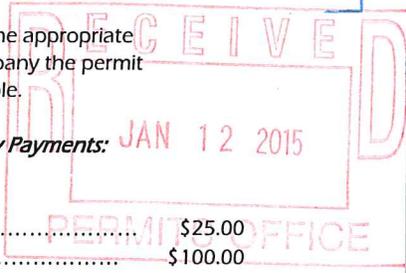
5 Units or less .....	\$25.00
From 6 to 49 Units .....	\$100.00
Greater than 49 Units .....	\$2000.00

**Non-Residential Access Permits**

Less than 25,000 square feet .....	\$500.00
From 25,000 to 300,000 square feet .....	\$1000.00
From 300,000 to 750,000 square feet .....	\$2000.00
Greater than 750,000 square feet .....	\$3000.00

**Non-Municipal Utility Permits not in conjunction With Access Permits:**

Annual blanket utility permit .....	\$500.00
Capital improvements to a utility .....	\$500.00



## Specific Instructions (print or type)

**Line 1:**  
List name of municipality in which access is sought.

**Line 2:**  
List name or number of State Highway Route(s) to which access is sought.

**Line 3:**  
List Locus/Property address.

**Line 4:**  
Describe property and/or facility. If access is sought under Category II above, briefly describe facility for which access is sought,

*Example 1:* Private single family residence at 100 State Road. Approximate size of proposed building 2,500 s.f. Approximate lot size 0.75 acres.

*Example 2:* 500,000 s.f. enclosed shopping mall adjacent to State Route I-290 and Route 20. Approx. lot size 67 acres.

**Line 5:**  
Briefly describe the proposed work to be performed within the State Highway Layout.

\*Office of Real Estate and Development (OREAD)

*Example 1:* Remove 50 feet of existing granite curb on south side of highway in order to construct driveway access and modify the roadway geometry to accommodate left-hand turn.

*Example 2:* Excavate 10 foot x 10 foot section of roadway at Station 100+00 in westbound lane in order to install water service to residence at 100 State Street.

**Line 6:**  
A Dig Safe number must be provided if the work will commence within 30 days of the filing of the permit. **NOTE:** A Dig Safe number must be obtained by calling **1-888-DIG-SAFE** (1-888-344-7233). If construction within the State Highway Layout does not commence within the period allowed by Dig Safe, a new number must be obtained prior to beginning construction. ([www.digsafe.com](http://www.digsafe.com))

**Line 7:**  
Individual or business making application must complete the required information, including application date and signature.

**Line 8:**  
Complete this section only if the individual or business making application is other than the property owner of the land for which the permit applies.

**Return completed application, submittal checklist and fee to appropriate District Office listed below. Please contact the Permit Engineer at this address if additional information is required.**

**District One**  
270 Main Street  
Lenox, MA 01240  
Tel. (413) 637-5700  
Fax. (413) 637-0309

**District Four**  
519 Appleton Street  
Arlington, MA 02174  
Tel. (781) 641-8300  
Fax. (781) 646-5115

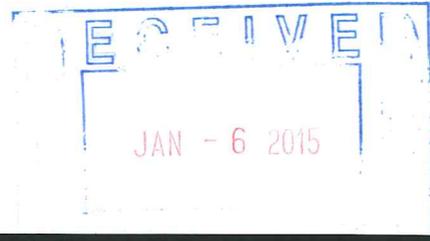
**District Two**  
811 North King Street  
Northampton, MA 01060  
Tel. (413) 582-0599  
Fax. (413) 582-0596

**District Five**  
1000 County Street  
Taunton, MA 02780  
Tel. (508) 824-6633  
Fax. (508) 880-6102

**District Three**  
403 Belmont Street  
Worcester, MA 01604  
Tel. (508) 929-3800  
Fax. (508) 799-9763

**District Six**  
185 Kneeland Street  
Boston, MA 02111  
Tel. (857) 368-6100  
Fax. (857) 368-0106

**Highway Division Website:**  
[www.massdot.state.ma.us/highway](http://www.massdot.state.ma.us/highway)



## Access Permit Submittal Checklist

GREY:  
DOT  
USE  
ONLY

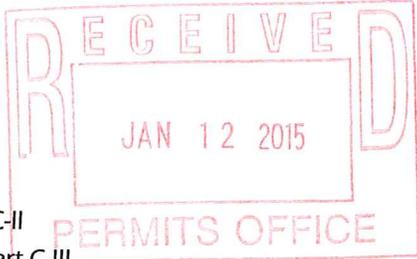
This checklist provides the Applicant with a list of required submittals to obtain an Access Permit. However, additional submittals may be required to issue an Access Permit. All Applicants must fill out Part A and one additional part that correlates to the selected application type. To help identify the application type, please see the descriptions on page 6. Check each box that pertains to your application. MassDOT will make the final determination regarding Access Permit Application type and category.

### PART A: ALL APPLICANTS MUST FILL OUT

#### 1. APPLICATION TYPE – CHECK ONE

- NON-VEHICULAR:**
  - Non-Vehicular – Fill out Part B

- VEHICULAR**
  - Category I** – Minor Vehicle Access Permits: Fill out Part C-1
  - Category II** – Major Vehicle Access Permits: Fill out Part C-1 and Part C-II
  - Category III** – Complex Vehicle Access Permits: Fill out Part C-1 and Part C-III



#### 2. APPLICATION TYPE (Check all applicable boxes)

- Application Complete
- Permit corresponds to appropriate MassDOT District
- Non-refundable check or money order on correct amount payable to: **MassDOT**
- Evidence certifying property owner(s) consent
- Notarized Applicant Letter outlining agent's duties and responsibilities (if applicable)
- Utility department sign-off as the Applicant(s) (if applicable)

### PART B: NON-VEHICULAR PERMITS

- IF NO PHYSICAL MODIFICATION to state highway layout – i.e. parade, road race, traffic counts, etc.**  
*Required submittals:*

- Map of route
- Traffic Management Plan (designed in accordance with the Road Flagger & Police Regulations: 701 CMR 7.00)
- Detour Plan(s) with municipal approval (if applicable)

- IF DRAINAGE:**

- If requesting connection or discharge to any MassDOT drainage system, contact District Personnel for additional information regarding required submittals.

- IF CONSTRUCTION, RELOCATION OR REPAIR OF UTILITIES:**

*Required submittals:*

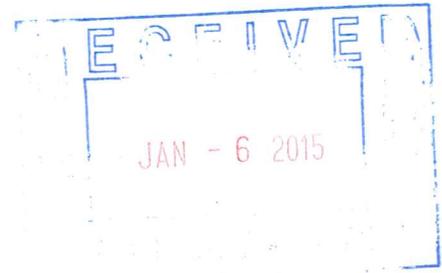
- EXISTING PROJECT:** reference(s) to the documents and plans already filed with MassDOT for the affected project

- NEW PROJECT/UTILITY WORK:**

*Required submittals:*

- Engineered Plan(s) including method of crossing Highway
- Traffic Management Plan (if applicable)  
(Designed in accordance with the Road Flagger & Police Regulations: 701 CMR 7.00)
- Detour Plan(s) with municipal approval (if applicable)
- Tree Cutting or Landscaping Plan (if applicable)
- Vegetative Plan including plant species and maturity size (if applicable)
- Blasting Plan (contact District Personnel for additional information)

## PART C-I: VEHICULAR PERMITS



### CATEGORY I – Minor Vehicular Access Permits

*Required submittals:*

- Engineering Plans
- ENF - (Environmental Notification Form) Certificate (if applicable)

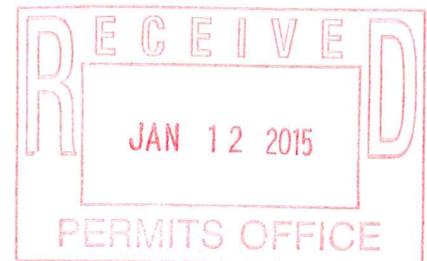
### IF RESIDENTIAL DRIVEWAY:

- Detailed plan/sketch showing the drive location in relation to the property lines, MassDOT baselines, distance from nearest mile marker, and an easily identifiable fixed object (distance from telephone poles, mail boxes, other drives, etc.).
- If severe topographic conditions exist, an engineered plan showing the driveway layout, profile and storm water management may be necessary to show that the edge of the proposed drive is protected during and after construction to prevent sediment and debris from entering upon the State Highway Layout (SHLO).

### IF COMMERCIAL DRIVEWAY: (where no MEPA review is required)

*Required submittals:*

- Two (2) 40 scale plans that include:
  - A. Route Number, Road Name, Property Address
  - B. Property Corners and Bounds
  - C. Lot Line Dimensions, Bearings and Distances
  - D. State Highway Layout Lines (both sides) and Nearest Massachusetts Highway Bounds (if found).
  - E. State Highway Baseline and both edges of roadway including any sidewalks and type of edging, if any, and shoulder information (grass, gravel etc.).
  - F. Any existing drive to be altered or closed shall be indicated. Existing and proposed dimensions should be included for altered drives.
  - G. Information on all proposed drives including radii, widths, handicap ramps, etc. must be shown.
  - H. All existing and proposed buildings, utilities, trees, stonewalls, fences etc., should be labeled and shown in their correct location.
  - I. It is required that all stands, buildings, gasoline pumps and structures of any kind be placed at least 12 feet back from the State Highway Layout Line, since conducting of business within a State Highway Layout is forbidden.
  - J. Complete detail on drainage; all drives should be constructed on a downgrade from the edge of the highway surface or shoulder to the State Highway Layout Line.
  - K. Engineered plans will be required to show that storm flows are not directed into the SHLO, using contour lines, where applicant/owner property elevations are raised from the edge of the highway.
  - L. The plans should identify measures to protect the edge of the proposed drive during and after construction to prevent sediment and debris from entering upon the SHLO.



### IF NEW STREET / SUBDIVISION ROAD:

#### Minor Intersection and Roadway Reconstruction (where no MEPA review is required)

*Required submittals:*

- All Commercial Driveway requirements (above) apply in addition to the following: Evidence of acceptance, including its line, grade and proposed drainage, by a local planning board, or other City of Town official with such authority.
- A street/road profile from its nearest high point and plan of drainage.

*Please be advised:*

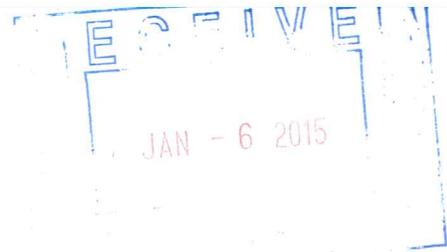
- It will be required that all such future street approaches be constructed on a downgrade, where possible, from the edge of highway surface or shoulder to the State Highway Layout Line.
- Common driveway criteria may apply and must be shown on plans as mentioned above.

**PART C-II: VEHICULAR PERMITS**

**CATEGORY II – Major Vehicular Access Permits**

*Required submittals:*

- Engineering Plans based on the standards in the Manual On Uniform Traffic Control Devices (MUTCD), MassDOT's Project Development & Design Guide or its successor, MassDOT's Standard Specifications for Highway and Bridges, and any current technical policies or engineering directives Issued by MassDOT. All PS&E design submissions must be both in hard copy (one set) and electronic format. Electronic format includes PDF files transmitted to DHD or designee via USB Flash Drive, CD or posted to a FTP site.
- In cases where a proposed access is to be shared by multiple development sites, the Applicant(s) will provide evidence of the rights of access between the parties involved prior to the issuance of the Access Permit.
- MEPA Certificate
- Section 61 Finding

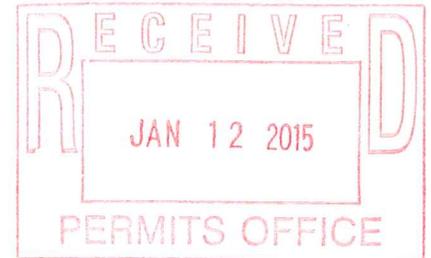


**PART C-III: VEHICULAR PERMITS**

**CATEGORY III – Complex Vehicular Permits**

*Required submittals:*

- Engineering Plans based on the standards in the Manual On Uniform Traffic Control Devices (MUTCD), MassDOT's Project Development & Design Guide or its successor, MassDOT's Standard Specifications for Highway and Bridges, and any current technical policies or engineering directives Issued by MassDOT. All PS&E design submissions must be both in hard copy (one set) and electronic format. Electronic format includes PDF files transmitted to DHD or designee via USB Flash Drive, CD or posted to a FTP site.
- In cases where a proposed access is to be shared by multiple development sites, the Applicant(s) will provide evidence of the rights of access between the parties involved prior to the issuance of the Access Permit.
- MEPA Certificate
- Section 61 Finding



**Recording of Access Permits**

Applicants must record any Vehicular Access Permit and plans or any Non-Vehicular Access Permit and plans involving drainage at the appropriate Registry of Deeds. Any Permit issued by MassDOT that requires recording will not be effective until recorded at the appropriate Registry of Deeds and a notice of recording is submitted to the District Highway Director (DHD). Changes may require the re-recording of permits and related documents. In those cases, permits will not be effective until re-recorded at the Registry of Deeds and a notice of recording is submitted to the DHD.

## THERE ARE TWO TYPES OF ACCESS PERMIT APPLICATIONS: VEHICULAR, ISSUED UNDER THREE CATEGORIES & NON-VEHICULAR:

### 1. VEHICULAR ACCESS PERMITS:

#### Category I – Minor Vehicular Access Permits:

Access Permits for Projects that require entry to the State Highway Layout (SHLO), require little to no non-signalized modifications, and do not significantly alter the operating characteristics of traffic. These Projects ordinarily do not exceed the Massachusetts Environmental Policy Act (MEPA) transportation thresholds beyond the filing of an Environmental Notification Form (ENF).

#### Category II - Major Vehicular Access Permits:

Access Permits for Projects that require significant non-signalized modifications that may alter the operating characteristics of traffic at residential or commercial driveway intersecting with the SHLO; that require significant non-signalized modifications that may alter the operating characteristics of traffic at or upon any other intersection or roadway under the jurisdiction of MassDOT; that require the installation of a new traffic signal at a residential or commercial driveway intersecting with the SHLO or at any other intersection or roadway under the jurisdiction of MassDOT; or that require modification of structures, equipment, or hardware at an existing traffic signal at a residential or commercial driveway and its intersection with the SHLO or at any other intersection or roadway under the jurisdiction of MassDOT.

#### Category III – Complex Vehicular Permits

Access Permits for Complex Projects requiring actions similar to major Projects, but which require a new or altered SHLO; that require significant non-signalized and/or signalized modification within the SHLO over an extended distance or at a number of intersections that significantly alters the operating characteristics of traffic along a corridor; or that require the construction of a new, or modifications to an existing, bridge. These Projects generally require MEPA review and may require Federal review.

### 2. NON-VEHICULAR ACCESS PERMITS:

Access Permits for Projects that require access to the SHLO that do not involve physical modifications such as a parade or road race; construction, relocation or repair of utilities within the SHLO; tree cutting or landscaping within the SHLO; the use of explosives to remove material from within 250 feet of the SHLO; or connection to or discharge to any MassDOT drainage system (in cases where it can be shown that no practical alternative exists).

## CONDITIONS REQUIRING AN ACCESS PERMIT

#### Vehicular Access Permits are required for:

- New residential or commercial driveways or streets intersecting the SHLO; or,
- Physical modifications to existing residential or commercial driveways or streets at their intersection with the SHLO; or,
- Change in use of an existing residential or commercial driveway onto SHLO that results in a **Substantial Increase in or Impact on Traffic** (as defined below) over the current use; or
- Construction of new or change in use of existing, residential or commercial driveway from properties that abut the SHLO to serve a building or facility, or expansion of a building or facility, that generates a Substantial Increase in or Impact on Traffic.

#### Substantial Increase in, or Impact on, Traffic as referenced above is defined as:

A Project that meets or exceeds any of the following thresholds:

- (i) Generation of 2,000 or more new ADT on roadways providing access to a single location; or,
- (ii) Generation of 1,000 or more new ADT on roadways providing access to a single location and construction of 150 or more new parking spaces at a single location; or,
- (iii) Construction of 300 or more new parking spaces at a single location; or
- (iv) Creation of a change in the type, pattern, or timing of traffic that is determined by MassDOT to generate a significant impact on traffic flow and safety.

#### Non-vehicular Access Permits are required for:

- Access to the SHLO for Projects that do not involve physical modifications; or
- Connection to or discharge to any MassDOT drainage system (in cases where it can be shown that no practical alternative exists); or
- Construction, relocation or repair of utilities within the SHLO; or
- Tree cutting or landscaping within the SHLO; or
- The use of explosives to remove material from within 250 feet of the SHLO.

In cases where a particular Project or activity may seek both vehicular and non-vehicular access, separate and distinct Permit Applications must be filed.

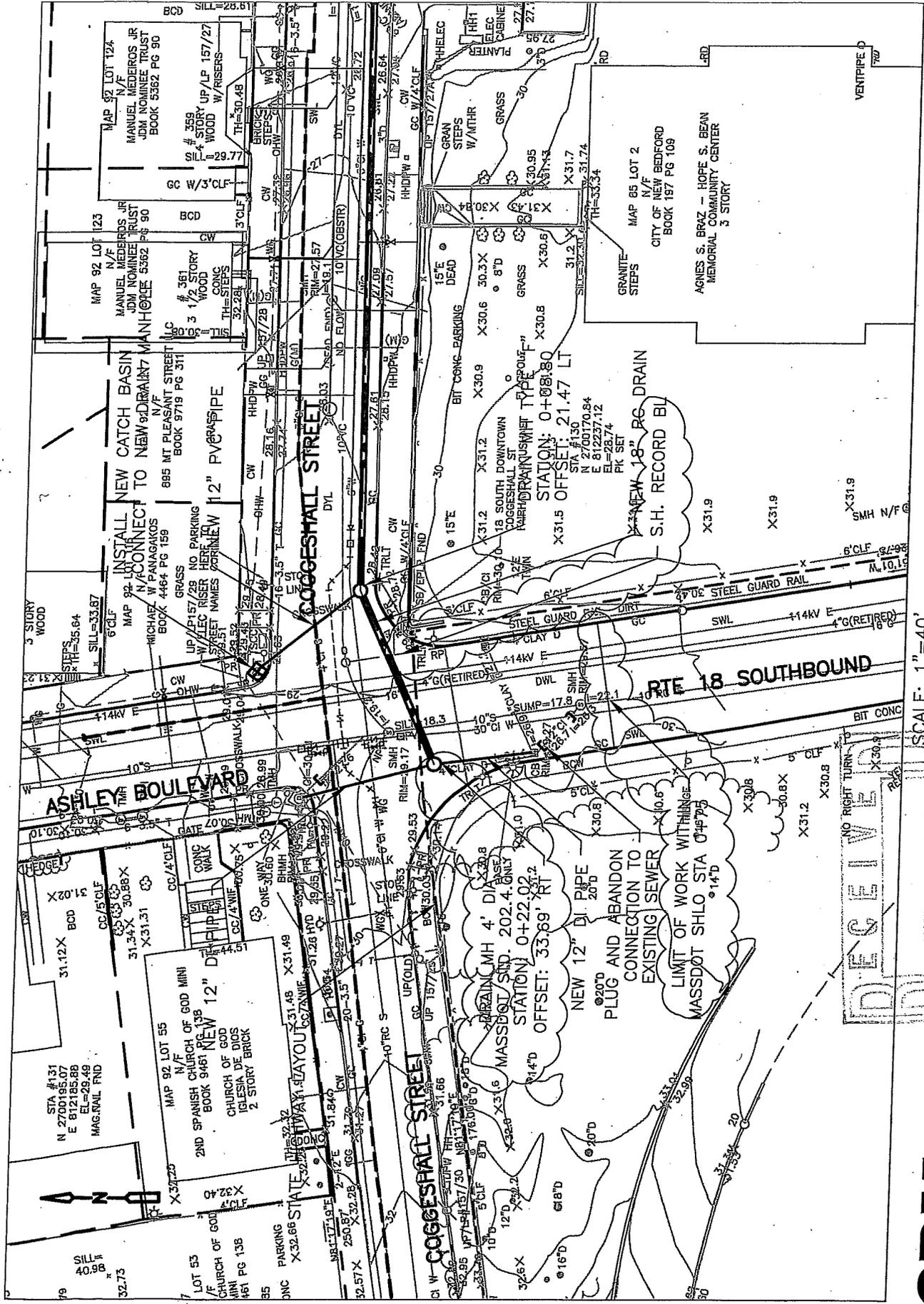


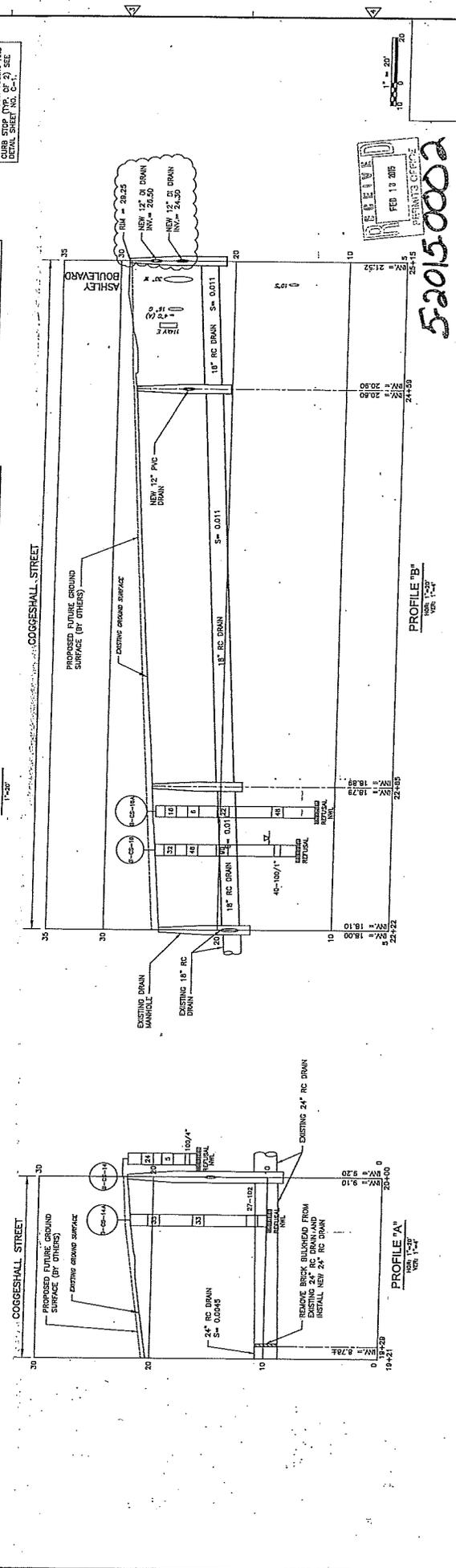
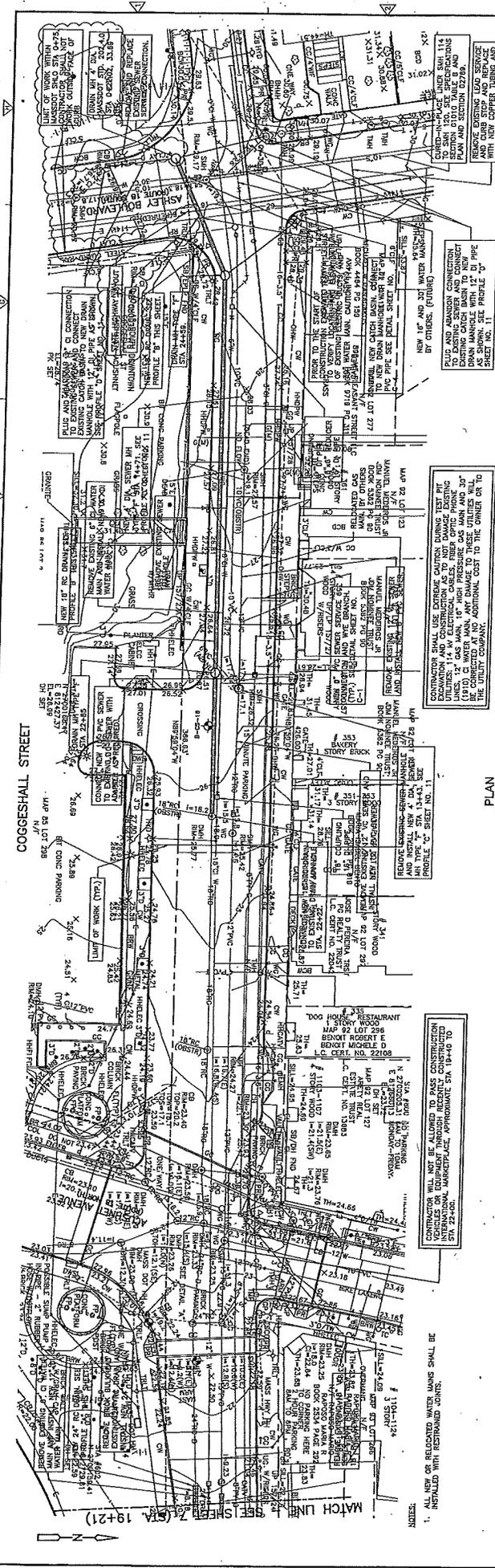
FIGURE 1 - PERMIT TO ACCESS STATE HIGHWAY  
 ROUTE 18 (ASHLEY BOULEVARD)  
 CITY OF NEW BEDFORD, MA  
 REVISED FEBRUARY 13, 2015

New Bedford  
 5-2015-0002

SCALE: 1"=40'

RECEIVED  
 FEB 18 2015  
 PERMITS OFFICE





**PLAN**  
1:20

**PROFILE "A"**  
VERT. 1" = 20'

**PROFILE "B"**  
VERT. 1" = 20'

**COGGESHALL STREET**

**PHASE I - COGGESHALL STREET SEWER SEPARATION**

**FIGURE 2**

**COGGESHALL STREET**

**NOT FOR CONSTRUCTION**

**SUBMITTAL ONLY**

**CITY OF NEW BEDFORD, MASSACHUSETTS**  
**WASTEWATER SYSTEM IMPROVEMENTS**

**CDM Smith**  
225 Walden Street, Suite 200  
New Bedford, MA 01905  
TEL: (508) 457-1234

RECORD BY: S. DYLE  
DRAWN BY: A. WILSON  
CHECKED BY: L. J. WELLS  
APPROVED BY: J. ROBERT  
DATE: FEBRUARY 2015

REV. NO. DATE DRAWN BY

PROJECT NO. 2014-0001  
SHEET NO. 2

DATE: FEB 17 2015  
ISS. DOT - DIS. 5

520150002

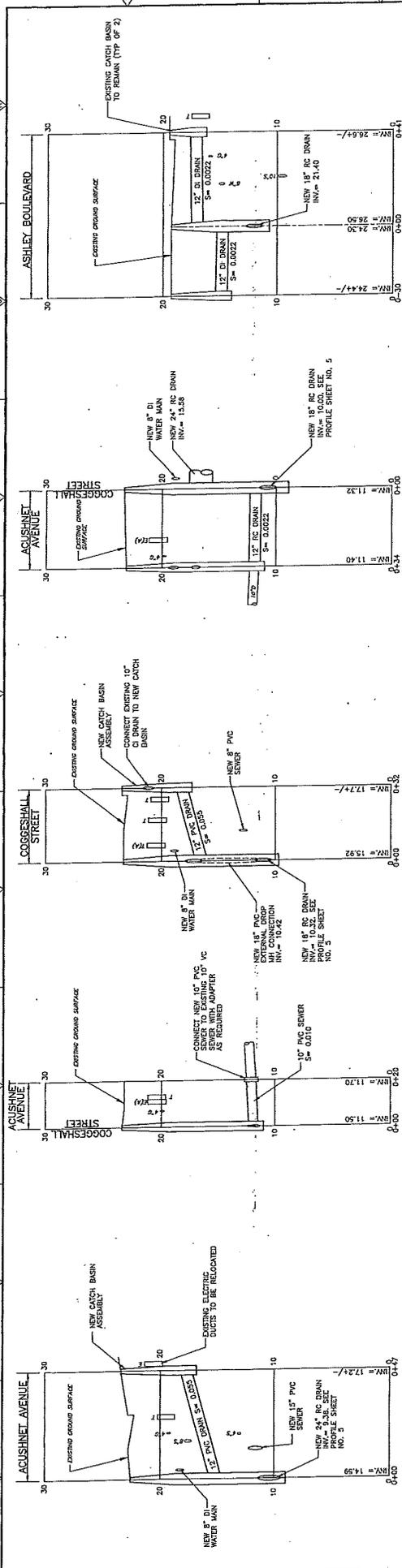
PERMIT # 13 CFFP22

DATE: FEB 13 2015

DATE: FEB 13 2015

DATE: FEB 13 2015

© 2014 CDM SMITH. ALL RIGHTS RESERVED. THESE DOCUMENTS, THEIR CONTENTS, AND DESIGNS PROVIDED BY PROFESSIONAL SERVICE, INCORPORATED HEREIN, ARE THE PROPERTY OF CDM SMITH AND ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CDM SMITH.



PROFILE R (SEE SHEET NO. 4) VER. 1.2.07  
 PROFILE S (SEE SHEET NO. 4) VER. 1.2.07  
 PROFILE T (SEE SHEET NO. 4) VER. 1.2.07  
 PROFILE U (SEE SHEET NO. 4) VER. 1.2.07  
 PROFILE W (SEE SHEET NO. 4) VER. 1.2.07



PROJECT NO.	0309-07426
FILE NAME	CDR101
SHEET NO.	3
DATE	11/11/10

SUBMITTAL ONLY  
 NOT FOR CONSTRUCTION

FIGURE 3  
 MISCELLANEOUS PROFILES IV

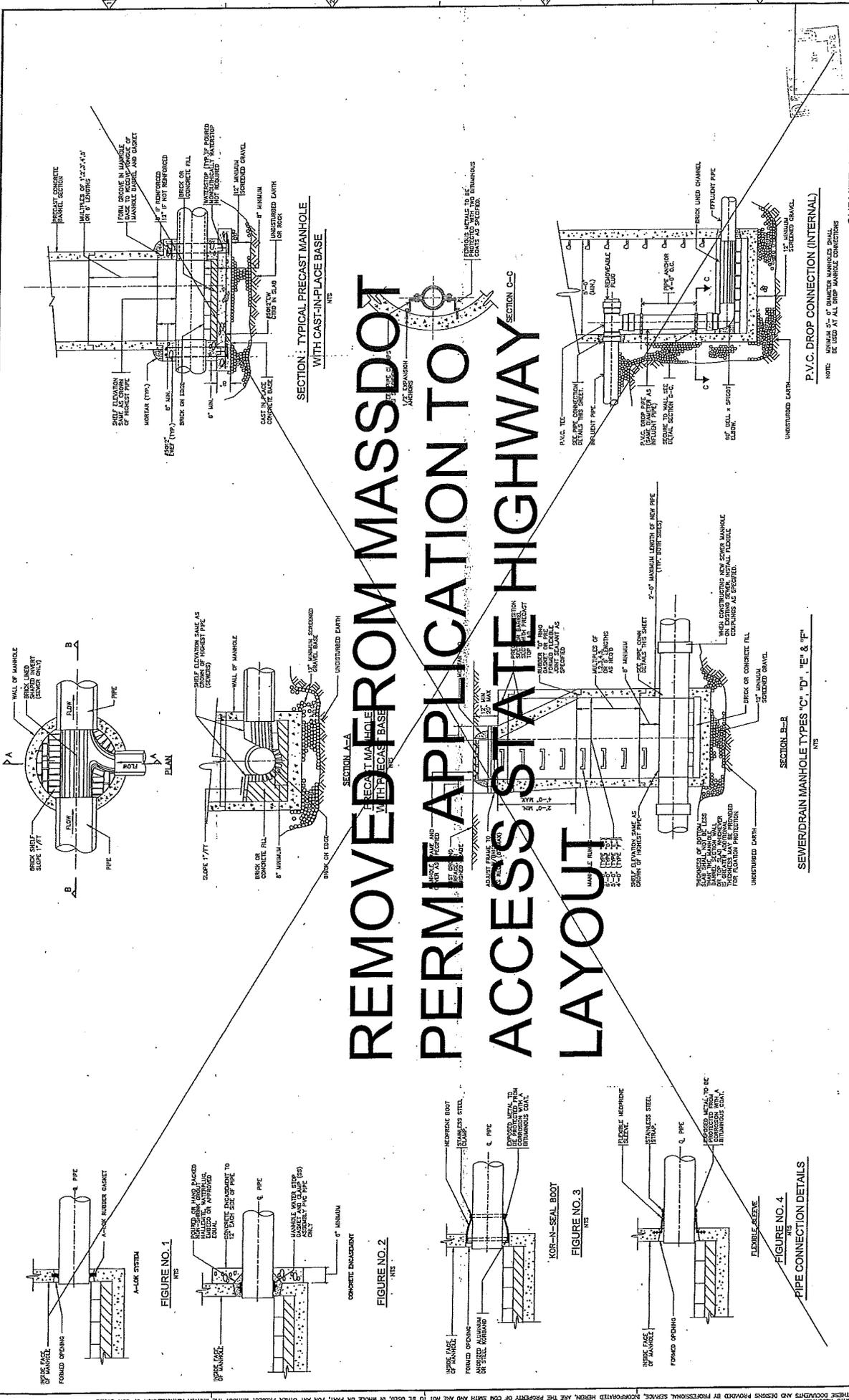
CITY OF NEW BEDFORD, MASSACHUSETTS  
 WASTEWATER SYSTEM IMPROVEMENTS

PHASE I - COGGESHALL STREET SEWER SEPARATION

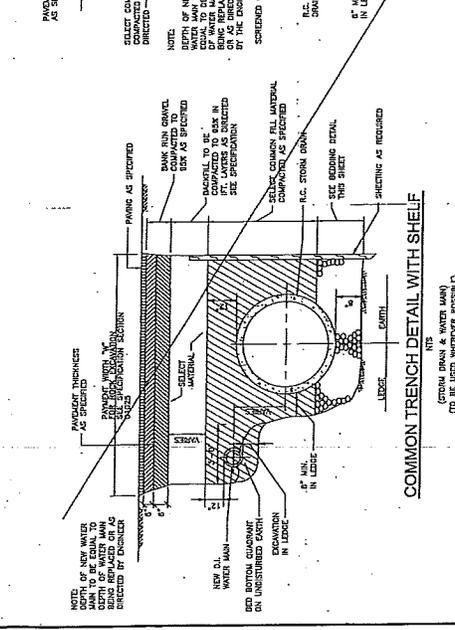
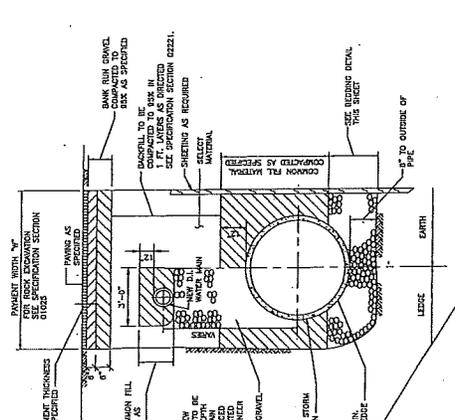
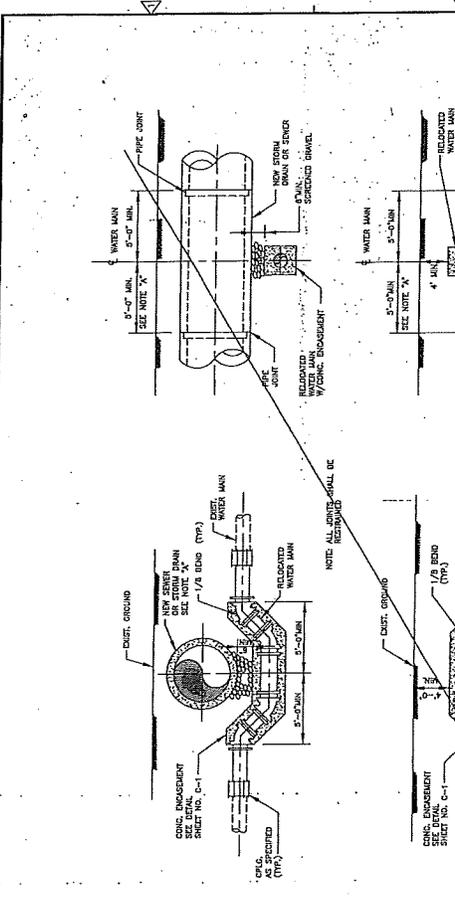
DESIGNED BY:	S. GRIFFIN
CHECKED BY:	J. CHAPMAN
IN CHARGE:	J. WARD
APPROVED BY:	J. GUNDA
DATE:	11/11/10

CDM Smith  
 100 State Street  
 Boston, MA 02109  
 Tel: 617.713.6200





# REMOVED FROM MASSDOT PERMIT APPLICATION TO ACCESS STATE HIGHWAY LAYOUT

# REMOVED FROM MASSDOT PERMIT APPLICATION TO ACCESS STATE HIGHWAY LAYOUT

WATER MAIN RELOCATION DETAILS

COMMON TRENCH DETAIL  
STORM DRAIN AND WATER MAIN

COMMON TRENCH DETAIL WITH SHELF

BEDDING DETAIL

STANDARD FINAL TRENCH WIDTH PAVEMENT REPAIR DETAILS

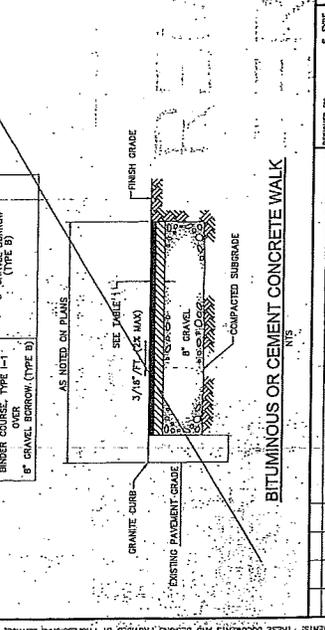
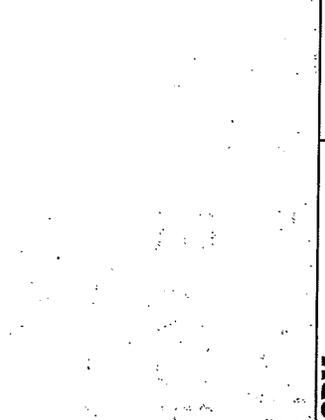
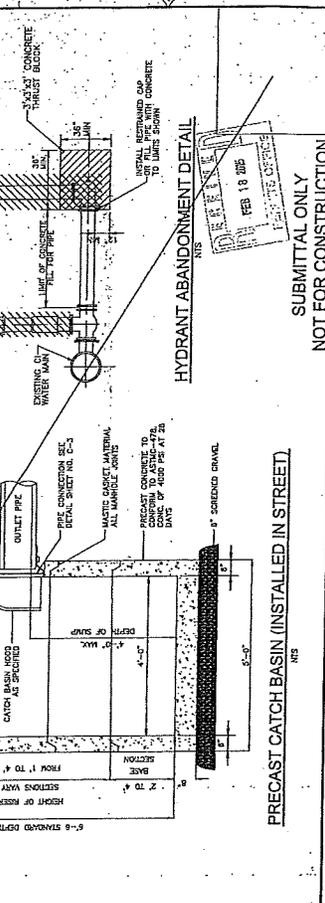


TABLE 1: SIDEWALK PAVEMENT CONSTRUCTION

BITUMINOUS CONCRETE SIDEWALK	CEMENT CONCRETE SIDEWALK
1 1/2" CLASS 1 BIT. CONC. TOP COURSE, TYPE 1	4" CEMENT CONCRETE (AS DETAIL) ENTHRAINED (4000 PSI, 3"/4" Ø10)
1 1/2" CLASS BIT. CONC. BINDER COURSE, TYPE 1	OVER 6" GRANULAR (TYPE B)
6" GRANULAR (TYPE B)	

PROJECT NO. 0303-23400  
FILE NAME  
SHEET NO. 6  
Revision: 03-03-2003

FIGURE 6  
MISCELLANEOUS DETAILS V

PHASE I - COGGESHALL STREET SEWER SEPARATION

CITY OF NEW BEDFORD, MASSACHUSETTS  
WASTEWATER SYSTEM IMPROVEMENTS

CDM Smith  
300 North Main Street  
Boston, MA 02110  
Tel: (617) 552-3000

REVISIONS

NO.	DATE	DESCRIPTION

DATE: 02/18/05  
DRAWN BY: J. CARBONIA  
CHECKED BY: L. J. JONES  
DESIGNED BY: J. J. JONES  
APPROVED BY: J. J. JONES  
FEBRUARY, 2005

NOT FOR CONSTRUCTION

**TRAFFIC MANAGEMENT NOTES:**

**GENERAL:**

1. ALL TEMPORARY TRAFFIC CONTROL WORK SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), ITS REVISIONS, AND THE MASSDOT STANDARD DETAILS AND DRAWINGS FOR THE DEVELOPMENT OF TRAFFIC MANAGEMENT PLANS.
2. THE TRAFFIC MANAGEMENT PLANS CONTAINED HEREIN ARE GIVEN AS A GUIDE FOR TYPICAL WORK ZONE TRAFFIC CONTROL APPLICATIONS FOR THE TYPES OF WORK ANTICIPATED FOR WHICH THE CONTRACTOR MAY CHOOSE TO COVER ALL POSSIBLE CONSTRUCTION OPERATIONS AND OTHER TRAFFIC SITUATIONS IF APPLICABLE SHALL BE FOR OTHER ACCORDANCE WITH THE MUTCD AND AS APPROVED OR REQUIRED BY THE CITY OR ENGINEER. THE CONTRACTOR SHALL SUBMIT ALTERNATE TRAFFIC CONTROL PLANS FOR APPROVAL WHEN NECESSARY.
3. REFER TO SECTION 8000 FOR WORK HOUR RESTRICTIONS.
4. IN TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF ANY WORK.
5. TEMPORARY CONSTRUCTION SIGNING, BARRICADES AND ALL OTHER NECESSARY WORK ZONE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF ANY WORK WHEN THEY ARE NOT REQUIRED FOR THE CONTROL OF TRAFFIC.
6. SIGNS AND SIGN SUPPORTS LOCATED ON OR NEAR THE TRAVELED WAY, AND REFLECTORIZED PLASTIC DRUMS WITH LIGHTING DEVICES SHALL BE PROTECTED FROM DAMAGE BY THE INSTALLATION OF HIGHWAY REPORT 30A, "RECOMMENDED PROCEDURES FOR THE SAFETY PERFORMANCE EVALUATION OF HIGHWAY FEATURES".
7. CONTRACTOR SHALL MAINTAIN ABUTTER ACCESS AT ALL TIMES EXCEPT FOR VERY SHORT PERIODS APPROVED BY THE CITY. CONTRACTORS SHALL NOTIFY EACH ABUTTER AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OF ANY TRAVELED WAY. THE CONTRACTOR SHALL MAINTAIN EXISTING PAVEMENT EXCAVATION, TEMPORARY DRIVEWAY PAVEMENT PLACEMENT AND SIMILAR OPERATIONS.
8. THE FIRST THREE PLASTIC DRUMS OF A TAPER MAY BE MOUNTED WITH TYPE A LIGHTS.
9. THE ADVISORY SPEED LIMIT, IF REQUIRED, SHALL BE AS SHOWN ON THESE PLANS OR AS DETERMINED BY THE CITY OR ENGINEER.
10. DISTANCES ARE A GUIDE AND MAY BE ADJUSTED IN THE FIELD BY THE CITY OR ENGINEER.
11. MAXIMUM SPACING OF TRAFFIC DEVICES IN A TAPER (DRUMS OR CONES) IS EQUAL IN FEET TO THE SPEED LIMIT IN MPH.
12. MINIMUM LANE WIDTH IS TO BE 11 FEET UNLESS OTHERWISE SHOWN. MINIMUM LANE WIDTH TO BE MEASURED FROM THE EDGE OF DRUMS OR MEDIAN BARRIER, ONE (1) THROUGH TRAVEL LANE HAVING A MINIMUM WIDTH OF 11 FEET MAY BE PROVIDED FOR BOTH DIRECTIONS OF TRAVEL UNDER POLICE CONTROL DURING ALL PHASES OF INSTALLATION, EXCEPT WHEN OTHERWISE REQUIRED BY THE ENGINEER.
13. LANE RESTRICTIONS MAY NOT REMAIN DURING NON-WORKING HOURS UNLESS OTHERWISE APPROVED BY THE CITY. TEMPORARY TRAFFIC CONTROL DEVICES THAT ARE NOT REQUIRED SHALL BE MOVED OFF THE ROADWAY OR FULL DEPTH CONSTRUCTION AREA AND PLACED SO AS NOT TO IMPED EMBANKMENT AREAS, ABUTTER ACCESS OR CAUSE CONFLICT TO MOTORISTS.
14. ALL SIGNS SHALL BE MOUNTED ON THEIR OWN STANDARD SIGN SUPPORTS.
15. ALL WORK ZONE AREAS SHOULD BE PROTECTED APPROPRIATELY. ALL EXPOSED WORK ZONES AND TRENCHES SHOULD BE PROTECTED ON BACK FILLED WHEN NO WORK IS PROVIDED PROTECTION UNDERPERFORMED AND APPROPRIATELY SIGNED.
16. NIGHT WORK OPERATIONS SHALL INCLUDE PROPERLY LIT & PLACED LUMINAIRES MEETING THE REQUIREMENTS OF THE MUTCD AND MASSDOT.
17. ALL TEMPORARY SETUPS SHALL BE ADA/AAIB COMPLIANT AND SHALL ACCOMMODATE PEDESTRIANS AND BICYCLISTS.

**CONSTRUCTION SIGNING:**

1. THE FIRST CONSTRUCTION SIGN IN A SERIES ON EACH APPROACH TO THE PROJECT SHALL BE FLUORESCENT ORANGE, HIGH PERFORMANCE (OR HIGH DENSITY) SHEETING.
2. ALL CONSTRUCTION SIGNS SHALL BE BLACK LEGEND ON A REFLECTORIZED ORANGE BACKGROUND UNLESS OTHERWISE NOTED AND SHALL CONFORM TO THE MUTCD.
3. ALL SIGNS, INCLUDING EXISTING, THAT ARE NOT REPRESENTATIVE OF ACTUAL WORK CONDITIONS SHALL BE EITHER COVERED OR REMOVED WHEN NOT APPLICABLE.
4. IF USED, W204 AND W205 SIGNS SHALL BE TAKEN DOWN OR COVERED AT THE CLOSE OF EACH DAY LANE RESTRICTIONS ARE PERMITTED TO REMAIN OVERTIGHT IN ACCORDANCE WITH NOTE ABOVE.
5. USE W204 SIGNS ONLY WHILE POLICE ARE DIRECTING TRAFFIC. THEY SHALL BE TAKEN DOWN OR COVERED AT THE CLOSE OF EACH WORK DAY.
6. SIGNS MUST BE PROFESSIONALLY LETTERED. NO HANDWRITTEN SIGNS SHALL BE ALLOWED.
7. THERE ARE LANE SHIFTS, WORK ZONES, OR OTHER CONSTRUCTION ACTIVITIES INFRINGE UPON ON-STREET PARKING AREAS, THE CONTRACTOR SHALL NOTIFY THE CITY IN ADVANCE. THE CONTRACTOR SHALL TAKE DOWN OR COVERED AT THE CLOSE OF EACH DAY LANE RESTRICTIONS ARE PERMITTED TO REMAIN OVERTIGHT AS REQUIRED BY THE CITY.

**COMPONENT PARTS OF A TEMPORARY TRAFFIC CONTROL ZONE**

