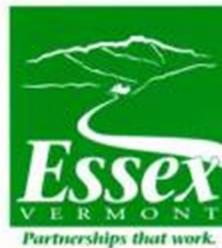


Town of Essex
Standard Specifications
For
Construction



Prepared by the Town of Essex Department of Public Works
Assisted by Lamoureux & Dickinson Consulting Engineers

Dennis E. Lutz, P.E., Public Works Director

Aaron Martin, P.E., Town Engineer, Utilities Director

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Preface

This document entitled ***Standard Specifications for Construction*** details the requirements for all new construction as well as reconstruction projects involving roads, sewer, water, storm drainage and ancillary infrastructure within the Town of Essex, outside the Village of Essex Junction.

These standards are considered to be minimum acceptable standards and deviations from the minimum specifications and details will not be permitted unless the deviations provide a higher degree of reliability than the specified minimum. The acceptability of any deviations from these specifications shall be determined by the Public Works Director/Town Engineer, subject to appeal to the Town Manager, and the Selectboard.

In cases where the design of an item is not specifically covered by these specifications and details, the submittal of such an item shall include sufficient information for a determination of acceptability by the Public Works Director/Town Engineer. At a minimum, the information will include a description of the item, detailed materials information or reference to universally recognized standards (AWWA, ANSI, etc.), a description of the methods to be used for construction and any testing necessary to verify the quality of the installation. The Public Works Director/Town Engineer may also require a list of locations and contact personnel where the item has previously been installed or the procedure used. It is not the intent of this document to prevent alternative solutions; however, the burden of proof for acceptability of alternate solutions lies with the proponent.

The primary purpose of this document is to establish a uniform level of quality for all infrastructure within the Town and to reduce the engineering time necessary for review of all proposed improvements. Plan submittals on new improvements will not be required to duplicate the contents of these standards providing these standards are referenced on submitted plans and further, providing a copy of the standards are physically available at the construction site.

It should be noted that all projects involve a degree of uncertainty, especially with regard to subsurface conditions. Adherence to these minimum Town standards does not guarantee acceptance on the part of the Town for the final installation. When unexpected subsurface conditions are encountered, the contractor must report the changed conditions to the design/project engineer who in turn will report the situation to the Town before the work is allowed to proceed. A review will be made of conditions and if necessary, site-specific changes to the plans will be determined which will likely exceed the Town minimum standards. Providing the installation is then constructed on the basis of the revised and approved standards and all installations meet the required tests, Town acceptance will follow.

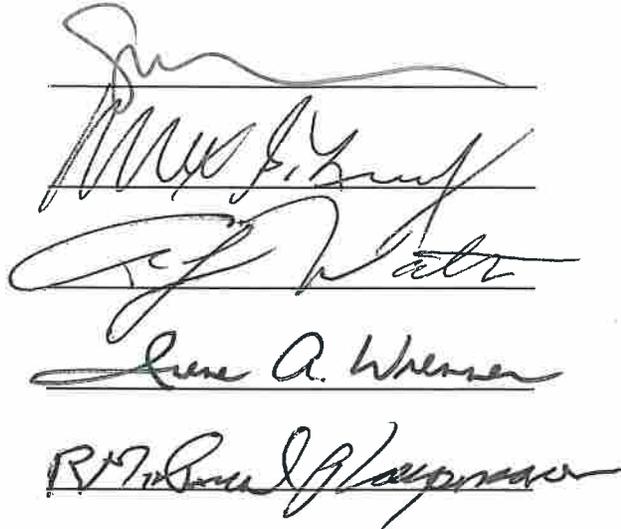
With regard to the reconstruction of existing facilities, it is the goal of the Town to make improvements over time to update Town infrastructure to the standards outlined in this manual. The timing and implementation of improvements is not included in the Public Works Specifications.

Users of this manual will be required to obtain the document from the Town and register their name or company with the Public Works Department. Additions and revisions to the manual will be provided from time to time to those individuals registered with the Public Works Department.

The contents of this document are organized into five principal sections listed below. Procedural documents and all Town of Essex standardized forms for construction can be found in the appendices.

- Chapter 1 Instructions To Bidders For Municipal Projects**
contains information to all contractors bidding on projects for the Town of Essex.
- Chapter 2 Conditions and Requirements for Development Projects**
details the special conditions required for development projects, in addition to the requirements in Chapter 4.
- Chapter 3 Erosion and Sediment Control**
contains the erosion and sediment control requirements common to all construction within the Town of Essex. The Town of Essex will strictly enforce all requirements within this section.
- Chapter 4 General Conditions**
contains the conditions and requirements common to all construction within the Town of Essex. It is applicable to work performed by Public Works forces, contractors hired by the Town of Essex, developers, and contractors employed by developers.
- Chapter 5 Technical Specifications**
provides the technical specifications for streets and other street lighting related items, stormwater control facilities, sanitary sewers, and potable water systems.
- Appendix A** contains detailed drawings depicting the requirements stated in all chapters of this document. It is intended that design engineers will use the Town's standard drawings on all projects within the Town of Essex.
- Appendix B** contains all pertinent procedural documents for Town projects.
- Appendix C** contains standardized construction forms utilized by the Town of Essex.

These Standard Specifications For Construction have been Passed and Adopted by the Board of Selectman of the Town of Essex, in the State of Vermont on the 20th of March, 2017.



The image contains five handwritten signatures, each written over a horizontal line. From top to bottom, the signatures are: 1. A signature that appears to be 'John' or similar. 2. A signature that appears to be 'Mike J. [unclear]'. 3. A signature that appears to be 'Jeff [unclear]'. 4. A signature that appears to be 'Gene A. Whelan'. 5. A signature that appears to be 'Robert [unclear]'. The signatures are written in dark ink on a white background.

Acknowledgement

The following individuals contributed significantly to the preparation of this document and their efforts on behalf of the Town are greatly appreciated:

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Walter Culver, Ferguson Waterworks

CHAPTER 1

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