

INVITATION TO BID

2016-354 Winnacunnet Road (Rte. 101E) Pedestrian Safety Improvements

I. INTENT

The Hampton School District (Owner), acting through its Superintendent of Schools in accordance with the provisions of the Hampton School Board Purchasing and Bidding policies, requests sealed written bids, from qualified Contractors for the construction of pedestrian safety improvements along Winnacunnet Road (Rte. 101E).

II. INSTRUCTIONS

All inquiries regarding the bid document, bid procedure, and any technical aspect may be directed to Keith Lessard, Facilities Director at (603) 926-8708 weekdays between the hours of 8:00 am and 4:00 pm, or by email at klessard@sau90.org.

All bid proposals shall be submitted in conformance with all sections of this document, and any attachments, and any addenda distributed, and all requested information must be supplied; failure to comply will be reflected in the evaluation of the bid proposal.

III. BIDDER CONFERENCE

The School District will host a voluntary Bidder Conference at the project site on Thursday, August 11, 2016 at 10:30 am. Bidders are strongly encouraged to attend this opportunity to review and discuss the project scope with representatives of the Hampton School District, Town of Hampton, and design team. Parking will be available at 53 Winnacunnet Road, Hampton, NH at the Centre School. Bidder Conference will gather and begin at the flagpole in front of the Centre School at 10:30 am.

IV. SUMMARY OF WORK

The contractor shall furnish all labor, materials, equipment and means for the construction of pedestrian safety improvements along Winnacunnet Road (Rte. 101E). The work includes but is not limited to the following: excavation, installation of new curb, full depth roadway construction, cement concrete island, cement concrete sidewalk and curb ramps, utility adjustments, traffic signing and pavement markings, spreading loam and seed, traffic control management during construction, and other street improvements in accordance with the Plans and these Supplemental Specifications. For the purposes of these Construction Specifications, the words "the Plans" shall mean the set of drawings prepared by Greenman-Pedersen, Inc. titled "Winnacunnet Road (Rte. 101E) Pedestrian Safety Improvements" in the Town of Hampton, New Hampshire.

The work is proposed on public right-of-way currently under the jurisdiction of the Town of Hampton, NH.

All work done under this contract shall be in conformance with the New Hampshire Department of Transportation's STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION (2016 edition as amended), the NHDOT's STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, the 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, the PLANS and the amendments

and supplemental conditions to the NHDOT Standard Specifications contained in these Construction Specifications.

The work is to be completed in conformance with this Bid Document and Technical Contract Documents found in Appendix 1.

V. COMPLETION DATE

The selected Contractor shall specify the number of days from bid award to complete construction of pedestrian safety improvements. The specified number of days will be the total length of time to reach completion based on the date of the Notice to Proceed. Work must be completed by November 15, 2016.

If damage to buildings, materials, equipment or to other property of the Hampton School District or the Town of Hampton and or abutting properties occurs during the construction of the roadway improvements due to the negligence of the selected contractor's employees, or subcontractors, including damage caused by the equipment, and/or materials used, the damage shall be repaired at the selected contractor's expense.

Allowable construction hours are between 7:00 in the a.m. and 5:00 in the p.m. local time, Monday through Friday of any week. No work will be allowed on the weekends or on national holidays.

VI. SURVEY LAYOUT AND CONTROL

Bench marks and horizontal control points for the Contractor to layout the work have been established and are shown on the Plans. The contractor shall be responsible for the preservation of all bench marks and control points. If any of the control points are disturbed by the contractor during the construction, the contractor shall replace them at no expense to the owner. Damaged or destroyed points, benchmarks or stakes or any reference points damaged or made inaccessible by the progress of construction shall be replaced or transferred and relocated to their original locations after completion of the work. Replacement of any layout points shall be performed by or under the direction of a NH Licensed Land Surveyor.

The contractor shall perform all necessary layout work in order to construct all elements of the Project as shown in the Technical Contract Documents. Any error, apparent discrepancy, or absence of data in the initial layout shall be referred to the School District in writing for correction or interpretation.

VII. LIQUIDATED DAMAGES

The contract as awarded will contain a liquidated damages clause to the effect that a two-hundred (\$200.00) dollar per day penalty after the specified completion date, for each day beyond the completion date that the construction of the improvements is delayed due to other than weather conditions, time being of the essence. Such late charge shall be deducted from the cost/payment of the work.

VIII. CHANGE ORDERS

The selected contractor shall not proceed with work and materials that are not included in the bid proposals and contract agreement requirements without written prior approval of a change order by the Business Administrator or his designee.

IX. WARRANTY LAW

All Federal and State Warranty Laws apply to the materials and installation.

X. CORRECTION OF DEFECTIVE PRODUCT

Any deficiencies in the materials or installation of the materials identified within thirty days after the completion date by the Business Administrator or his designee shall be corrected by the selected contractor at the sole expense of the selected contractor.

XI. SAFETY & TRAFFIC CONTROL MEASURES

The selected contractor selected through the award process shall employ all measures and procedures of safety and traffic control applicable by local, state, and/or federal laws.

XII. CONTRACT AGREEMENT

The successful contractor selected through the award process will be required to enter into a contract agreement with the Hampton School District and to execute the contract agreement within two weeks of the date of award, unless prior arrangements are made with the Business Administrator or his designee. This document Bid 2016-354 Winnacunnet Road (Rte. 101E) Pedestrian Safety Improvements and the Bid Form shall become part of the contract agreement.

The selected contractor and/or its employees and/or subcontractors shall not represent themselves as employees or agents of the Hampton School District or the Town of Hampton.

Project close out requirements will require that successful contractor, prior to final payment submit to the School District the following (See Appendix 2):

- Contractor's Affidavit
- Consent of Surety Company to Final Payment
- Contractor's Final Lien Waiver
- Certificate of Final Completion of Work

Upon final payment and within 14 days of receipt, the Contractor shall submit to the School District the Contractor's Release (Appendix 2).

XIII. USE OF SUBCONTRACTORS

The use of subcontractors under this contract shall only be allowed upon the approval of the Business Administrator or his designee.

The subcontractors will be subject to the same requirements as the selected contractor.

If the selected contractor utilizes subcontractors, they shall provide evidence that the costs and expenses due to the subcontractor have been paid in full before final payment is made by the town. Such evidence shall be accompanied by a written statement by the subcontractor on company letterhead.

XIV. LAWS, PERMITS AND LICENSING

It is the selected contractor's responsibility, and anyone employed by the selected contractor, to adhere to and comply with all federal, state and local laws, regulations, and codes as well as with all standards and practices relating to the work being performed or the services provided. In addition, it is the selected contractor's responsibility, and anyone employed by the selected contractor, to procure and keep in effect any and all licenses, permits, notifications or other regulatory requirements relating to the work to be performed or the services to be provided.

XV. NON-ASSIGNMENT

Neither the selected contractor nor the School District shall assign, transfer, convey, or otherwise hypothecate the contract or their rights, duties, or obligations hereunder or any part thereof without the prior written consent of the other, which consent shall not be unreasonably withheld.

XVI. INDEMNIFICATION

In accepting the awarded contract, the selected contractor agrees and any of its subcontractors shall agree to hold harmless and indemnify the Hampton School District and the Town of Hampton and their officers, agents, and employees from any liability and any all claims, suits, damages, and attorney's fees and costs, arising from the work to be performed, including the provision of goods necessary to perform the work.

XVII. TERMINATION

The Hampton School District acting through the Superintendent of Schools retains the right to terminate and dismiss the selected contractor for non-performance, or poor performance with five (5) working days' notice. Additionally, the Hampton School District acting through the Superintendent of Schools reserves the right to negotiate a contract agreement with the next qualified contractor for completion of the scope of work.

XVIII. INSURANCE REQUIREMENTS

The insurance required for the award of the contract shall provide adequate protection for the selected contractor and any of its subcontractors against damage claims, which may arise from work under the awarded contract, whether such work be by the insured or by anyone employed by him, and also against any of the hazards which may be encountered in the performance of the contract as enumerated in the supplementary general conditions.

The Hampton School District and the Town of Hampton shall be named as additionally insured on the insurance certificates. Such certificates shall also contain the following statement: "The insurance covered by this certificate will not be canceled or materially altered, except after 10-days written notice has been received by the Hampton School District."

The following shall be considered minimum standards for insurance required to perform the work or services provided in the Town of Hampton:

1. General Coverage

To be eligible to be awarded the contract to perform the work required, the selected contractor shall submit to the School District a current certificate of insurance for General Liability; Automobile Liability; Excess Liability; Property Liability (All risk including Theft & Fire) from a company licensed to issue such insurance in the State of New

Hampshire in the following amounts, which shall be maintained during the life of the contract (excess or umbrella coverage may satisfy requirements).

Each Occurrence	\$2,000,000.00
General Aggregate	\$2,000,000.00

2. Workers' Compensation

To be eligible to be awarded the contract to perform the work required, the selected contractor must submit to the School District a current certification of Workers' Compensation Insurance in accordance with the provisions of New Hampshire law from a company licensed to issue such insurance in the State of New Hampshire in the following amounts, which shall be maintained during the life of the contract (excess or umbrella coverage may satisfy requirements).

Coverage A	Statutory
Coverage B	\$2,000,000.00

3. Cancellation of Insurance

The cancellation of any insurance held by the selected contractor will automatically cancel any contract. Each insurance policy shall contain a provision that the certificates of insurance shall not be altered or cancelled except with 10-days written notice to the Hampton School District.

XIX. PAYMENT

Payment shall be made within 30-days of receipt of written invoices for completed work with approval signoff of the Business Administrator or his designee. Payment of an invoice by the Hampton School District automatically releases any lien that the invoice may have provided against the School District.

Invoicing Instructions. All invoices shall include the following information:

1. Company Name
2. Location of work
3. Date work was completed
4. Brief description of services rendered
5. Contract number

XX. BONDING – PERFORMANCE, PAYMENT AND OTHER BONDS

The Contractor selected through the award process will be required to submit the following bonds in order to fulfill the terms of the contract.

- (1) Performance Bond. A Performance Bond or a letter of credit as surety shall be issued to the Hampton School District by a surety company authorized to do business in New Hampshire for 100% of the project price. Said Performance Bond shall indemnify the Hampton School District and the Town of Hampton in full against any defects or loss resulting from any failure of performance by the selected Contractor, or its employees, subcontractors, material suppliers, and/or utilities in the performance of the Work and completion of the Project. The Performance Bond shall guarantee to the Hampton School District and the Town of Hampton that the work will be completed according to the terms

of the contract. The performance bond shall be returned upon completion of the Project plus one year.

- (2) Payment Bond. A Payment Bond or a letter of credit as surety shall be issued to the Hampton School District by a surety company authorized to do business in New Hampshire for 100% of the project price. Said Payment Bond shall indemnify the Hampton School District in full against any loss resulting from any failure of payment by the selected Contractor to its employees, subcontractors, material suppliers, and/or to any utilities. The Payment Bond shall cover all labor, rental equipment, specialty fabricated materials and supplies directly incorporated into the project. The Payment Bond shall be returned upon completion of the project plus six months.

XXI. SUBMITTAL REQUIREMENTS

All prospective bidders are expected to carefully examine the Invitation to Bid and all its sections, and any attachments, and any addenda distributed before submitting a bid proposal. Failure to do so will not relieve the successful contractor of the obligation to furnish all equipment and labor necessary to carry out the provisions of the Invitation to Bid. The submission of a bid proposal shall be considered prima facie evidence that the bidder has made such examination and has taken into account the School District's intent.

All costs related to the bid proposal preparation and/or submission will be borne by the prospective bidders in responding to this Invitation to Bid or in responding to any request for interviews, additional information, etc. prior to the issuance of a contract.

Any bid proposal which is incomplete, conditional, or obscure, or which contain erasures, alterations or other irregularities of any kind, or in which errors occur or contain abnormally high or low costs, may be rejected.

The completed Bid Form must contain the full name of the company and the address. Failure to manually sign the Bid Form may disqualify the submitting bidder. The person signing the Bid Form shall show title or authority to bind the firm in a contract agreement. Company name and authorized signature must appear on the Bid Form in the space provided.

The cost shall be stated in both words and figures on the Bid Form. All words and figures shall be written in ink. In case of a discrepancy between the figures and the words, the written words shall govern.

All bid submittals shall be sealed and shall contain one (1) original and two (2) copies of the completed Bid package. The completed bid package shall include at a minimum, this entire document, including all attachments, any addenda distributed and/or any additional information and the completed Bid Proposal Form.

All submitting bidders are required to provide the following information with their submissions, and in the order that follows:

- (1) One (1) original and two (2) copies of this entire document, including the bid proposal form, all attachments, and any addenda distributed;
- (2) List of at least three (3) current references for which comparable work has been performed. This list shall include company name, person to contact, address, and

telephone number. Failure to include references will be ample cause for rejection of the proposal. Preferred references include other local government agencies;

- (3) List of personnel and construction equipment that will be assigned to and made available to perform the work;
- (4) The company's professional qualification and experience in dealing with municipalities; including a list of previous projects of a similar nature;
- (5) A summary of the company's present workload, which shall contain a statement that demonstrates that the company has adequate personnel and resources to provide the services within the scheduled timelines.

XXII. RECEIPT OF SEALED BID PROPOSALS

Sealed bid proposals will be received until 3:00 PM on Thursday, August 18, 2016 at the SAU 90 Office, 6 Marston Way, Hampton, NH 03842. Sealed bid proposal envelopes must be clearly marked "Bid 2016-354 Winnacunnet Road (Rte. 101E) Pedestrian Safety Improvements".

No faxed or emailed bid proposal or faxed or emailed withdrawals of the bid proposal will be permitted. If a withdrawal is made in either fashion, it will be destroyed upon receipt.

All bids submitted shall be held firm for 90-days from the acceptance date of bids for Town acceptance.

A prospective bidder may withdraw its bid proposal, upon request, to the Business Administrator before the time of opening; the bid proposal will be returned unread. At the School District's discretion, late bid proposals may be returned to the bidder unopened.

(1). Correction or Withdrawal of Bid Proposal and Cancellation of Awards under Competitive Sealed Bid.

Correction or withdrawal of inadvertently erroneous bid proposals before or after award, or cancellation of awards or contracts based on such bid proposal mistakes, shall be permitted at the School District's discretion. However, no changes in the proposed cost(s) or other provisions of the bid proposal prejudicial to the interest of the School District or fair competition shall be permitted. Except as otherwise provided by regulation, all decisions to permit the correction or withdrawal of a bid, proposal, or to cancel awards or contracts based on errors or omissions, shall be supported by a written determination made by the Business Administrator or his/her representative. No bid proposal may be withdrawn when the result would be to award the contract on another bid proposal of the same vendor or of another vendor in which the ownership of the withdrawing vendor is more than five percent. If the Business Administrator or his designee denies the withdrawal of a bid proposal, he shall notify the vendor in writing stating the reasons for his decision.

Any or all bids will be rejected if there is a reason for the School District to believe that there is collusion among vendors. Any bid so rejected may disqualify the vendors for consideration in future Bids with the School District.

XXIII. DISQUALIFICATION

A bidder may be disqualified and their bid proposal rejected for either of the following reasons: 1) failure to supply complete information as requested by this Invitation to Bid or 2) evidence of

collusion among other bidders. Any bid proposal(s) so rejected for reason #2 may disqualify the bidder(s) involved from consideration in future dealings with the School District.

The lack of experience of prospective vendors may be grounds for disqualification in the award process.

XXIV. PURCHASING POLICY APPLIES

The Hampton School Board's Purchasing Policy and Bidding Policy apply to any bid proposals received hereunder.

XXV. AWARD

The School District acting through the Superintendent of Schools reserves the right to reject any or all proposals, to waive any informality on the bids received, to omit any item or items and/or to accept any proposal as he may deem to be in the best interest of the School District. The decision of the Superintendent of Schools shall be final.

It is the intent of the School District to award the contract to the most qualified bid proposals that meets all necessary requirements stated in this document and appendices and in accordance with the Hampton School Board's Purchasing Policy and Bidding Policy. The bid proposal shall be held firm until completion of the scope of services.

The lack of experience of prospective vendors may be grounds for disqualification in the award process.

The award will be made to the lowest responsive and responsible bid that meets the specifications contained herein on a total cost basis, with terms viewed as most favorable to the Hampton School District. An award will only be made after evaluation of a submitted bid and the satisfactory negotiation of a final contract.

XXVI. NO RESPONSE REQUEST

It is requested of all prospective contractors that if they will not be submitting a bid proposal to submit a letter of no response to the Hampton School District.

XXVII. GOVERNING LAW AND VENUE

This Invitation to Bid, the bid proposal document, and the contract agreement to be entered into shall be governed by the statutory and common laws of the State of New Hampshire and venue shall lie in the State Courts of the State of New Hampshire as to any dispute.

BID PROPOSAL FORM

2016-354 Winnacunnet Road (Rte. 101E) Pedestrian Safety Improvements

Hampton School District – SAU 90
 Attn: Business Administrator
 6 Marston Way
 Hampton, NH 03842

Bidder shall specify here in figures and words the costs as specified and described under Summary of Work and Measurement and Payment. In the case of a discrepancy between the figure and the words, the written words shall govern.

Bid Item #	Bid Item Description	Unit	Est Qty	Bid Amount (\$)
203.1	Common Excavation	CY	285	(Figures)
				(Words)
203.6	Embankment-In-Place (F)	CY	20	(Figures)
				(Words)
304.2	Gravel (F)	CY	40	(Figures)
				(Words)
304.3	Crushed Gravel (F)	CY	110	(Figures)
				(Words)
403.11	Hot Bituminous Pavement, Machine Method	TON	15	(Figures)
				(Words)
403.12	Hot Bituminous Pavement, Hand Method	TON	30	(Figures)
				(Words)
604.4	Reconstructing/Adjusting Catch Basin & Drop Inlet	LF	0.5	(Figures)
				(Words)
608.24	4" Concrete Sidewalk (F)	SY	310	(Figures)
				(Words)
608.541	Detectable Warning Devices	SY	14	(Figures)
				(Words)
609.01	Straight Granite Curb	LF	460	(Figures)
				(Words)
609.02	Curved Granite Curb	LF	80	(Figures)
				(Words)
615.03	Traffic Sign Type C (F)	SF	40	(Figures)
				(Words)
616.21	Pedestrian Actuated School Crossing System	LS	1	(Figures)
				(Words)
619.1	Maintenance Of Traffic	U	1	(Figures)
				(Words)

Hampton School District Bid 2016-354 Winnacunnet Road (Rte. 101E) Pedestrian Safety Improvements

Bid Item #	Bid Item Description	Unit	Est Qty	Bid Amount (\$)
619.253	Portable Changeable Message Sign (Unit Week)	UWK	4	(Figures) (Words)
628.2	Sawed Bituminous Pavement	LF	650	(Figures) (Words)
632.0104	Retroreflective Paint Pave. Marking, 4" Line	LF	750	(Figures) (Words)
632.3112	Retroreflective Thermoplas. Pave. Marking, 12" Line	LF	70	(Figures) (Words)
632.021	Retroreflective Blue Paint Pavement Marking, Symbol Or Word	SF	275	(Figures) (Words)
632.911	Obliterate Pave. Marking Line, 12" Wide & Under	LF	450	(Figures) (Words)
641.	Loam	CY	20	(Figures) (Words)
646.31	Turf Establishment With Mulch and Tackifiers	SY	180	(Figures) (Words)
692.	Mobilization	U	1	(Figures) (Words)
Total	(Figures)			
	(Words)			

The undersigned is submitting this bid proposal without collusion with any other individual or contractor.

Please print clearly.

Name: _____

Address: _____

City, State and Zip Code: _____

Business Telephone: _____

Business Fax: _____

E-Mail Address: _____

Website Address: _____

Signature of Authorized Person _____

Date _____

By signing above you are attesting that you are duly authorized by law to commit the individual, association, partnership, company or corporation to the terms of the Invitation to Bid and resulting contract agreement.

Once submitted, all bid proposals submitted shall be held firm and not withdrawn for 90 days from bid opening.

Appendix 1

TECHNICAL CONTRACT DOCUMENTS

For the

2016-354

**Winnacunnet Road (Rte. 101E)
Pedestrian Safety Improvements**

**Rockingham County
TOWN OF HAMPTON, NEW HAMPSHIRE
August 2016**

Prepared For:

**HAMPTON SCHOOL DISTRICT
6 Marston Way
Hampton, New Hampshire, 03842
(603) 926-4560**

Prepared By:

**Greenman-Pedersen, Inc.
21 Daniel Street, Second Floor
Portsmouth, NH 03801-3868
(603) 891-2213**

TECHNICAL CONTRACT DOCUMENTS
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SECTION 01010
SUMMARY OF WORK

PART 1: GENERAL

1.01 **WORK UNDER THIS CONTRACT**

The CONTRACTOR shall furnish all labor, materials, equipment and means for the Winnacunnet Road (Rte. 101E) Pedestrian Safety Improvements, as described herein. Work under this Contract (aka Project) is described by the Technical Contract Documents. Work on-Site shall be completed, including Site clean-up and demobilization, no later than November 15th, 2016. The work is generally described as the installation of a raised concrete median island with associated cross walk, granite curbing, concrete sidewalks, pavement markings, signing and the installation of a pedestrian actuated school crossing system.

Materials, equipment, labor, etc., obviously a part of the work and necessary for the proper operation and installation of same, although not specifically indicated in the Contract Documents, shall be provide as if called for in detail, and without additional cost to the OWNER.

1.02 **LOCATION**

The Project is located along Winnacunnet Road (Rte. 101E) directly in front of the Hampton Centre School.

1.03 **STAGING AREAS**

The Town's land located at the Hampton Centre School may be used as a staging area, as allowed and directed by the Town. Such access for staging may be assumed for bidding. Access to the school must be maintained at all times.

END OF SECTION

SECTION 01151

MEASUREMENT AND PAYMENT

PART 1: GENERAL

1.1 SUMMARY

- A. Under the price specified to be paid for each item, the Contractor shall furnish all labor, materials, equipment, and perform all operations to complete the work as indicated and specified. All supervision, overhead items, bond costs, permit costs (for permits obtained by the Contractor), protection and precautions and all other costs, incidental to the construction work, complete, and as specified, are also included.
- B. A complete, finished, working job, as intended by the general nature of these Technical Contract Documents, shall be produced whether or not any particular wording or direction is omitted or inadvertently not clearly stated.
- C. Measurement for payment shall be by the Hampton School District, except where noted elsewhere in the Technical Contract Documents. Measurement for payment for lump sum items shall be on the basis of percentage of work complete and in place.
- D. Each unit or lump sum price stated in the Bid shall constitute full compensation as herein specified for each item of work completed in accordance with the Technical Contract Documents.
- E. The prices for those items which involve excavation shall include compensation for transportation and disposal of surplus excavated material.
- F. In all items involving excavation that may be required, the price shall be based on the completed excavation through repair of the ground surface.
- G. Unit prices submitted for various items of work will be used for determining prices of any additional work during construction.
- H. Determination of fulfillment of payment requirements for each and every method of measurement shall be at the sole judgement of the Hampton School District (Owner).

END OF SECTION

CONSTRUCTION SPECIFICATIONS

Note: Incorporated into the Contract Documents by reference is the current edition of the New Hampshire Department of Transportation’s “Standard Specifications for Road and Bridge Construction” (2016 edition as amended).

The Contractor shall be responsible for obtaining and familiarizing himself with all such NHDOT standards, amendments, and supplements. Copies of the Standard Specifications may be obtained from the NHDOT, John O. Morton Building, 7 Hazen Drive, Concord, NH 03302.

The following Construction Specifications amend, revise, supplement and/or otherwise modify the New Hampshire Department of Transportation’s “Standard Specifications for Road and Bridge Construction” (2016 edition as amended).

The following table is a list of all of the Supplemental Specifications that have been adopted by the NHDOT as additions or revisions to the “Standard Specifications for Road and Bridge Construction”, March 2016 Edition as of the date of this proposal. The Supplemental Specifications are included and made a part of this proposal. The bidder is responsible to examine each item to determine its effect, if any, on the contract.

Section	Description	Revision	Last Revision Date	Current Revision Date
Division 100				
<u>109.04</u>	Differing Site Conditions, Changes and Extra Work	Regional Adjustment Factor	09/01/10	01/06/12
Division 400				
<u>410.2.1</u>	Bituminous Surface Treatment	2.1 – Adopts new AASHTO Specifications for Emulsions		4/13/16
Division 600				
<u>603</u>	Plastic Pipe	2.3, 2.6 & 2.7 – Updated to include Polypropylene Pipe and associated UV Requirements 2.13 – Added for Contractor’s Option	04/13/16	06/02/16
<u>605</u>	Plastic Pipe	2.3 & 2.2 – Updated to include Polypropylene Pipe		04/13/16
Division 700				
<u>702</u>	Bituminous Materials	Amends Table 702-1 & 702-2	04/13/16	05/11/16

SECTION 101 – DEFINITION AND TERMS

Amend Section 101 to include and/or revise the following definitions:

- The "Contractor" shall mean the person or entity identified as such in the Owner-Contractor Agreement.
- Wherever reference is made in NHDOT to "the State," "FHWA," "the Commissioner," "the Department," "the Bureau" or "the Bureau of," "The Agency" it shall be understood to refer to the OWNER, except where otherwise indicated in the individual Special Provisions.
- Wherever reference is made in NHDOT to "the Engineer," "the Bridge Engineer," "the Materials and Research Engineer," "the Inspector," and similar terms, it shall be understood to refer to the individual, partnership, firm, or corporation duly authorized by the Owner to be responsible for engineering supervision of the Contract work and acting directly through an authorized representative, except where otherwise indicated in the individual Special Provisions.
- The "Municipality" and the "Town" shall mean the Town of Hampton, the local government in which the Contract work is to be performed.
- The "Owner" shall mean the Hampton School Board.

SECTION 104 – SCOPE OF WORK

Amend Subsection 104.01, Intent of Contract, to include the following:

The work includes but is not limited to the following: excavation, installation of new curb, full depth roadway construction, cement concrete island, cement concrete sidewalk and wheelchair ramps, utility adjustments, traffic signing and pavement markings, spreading loam and seed, traffic control management during construction, and other street improvements in accordance with the Plans and these Supplemental Specifications. For the purposes of these Construction Specifications, the words "the Plans" shall mean the set of drawings prepared by Greenman-Pedersen, Inc. titled "Winnacunnet Road (Rte. 101E) Pedestrian Safety Improvements" in the Town of Hampton, New Hampshire.

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Amend Subsection 104.03, Maintenance of Traffic, with the following:

1. The Contractor shall not impede traffic and pedestrians within the project area on holidays or the day immediately before and after any Town of Hampton observed holiday.
2. All work shall be prosecuted in a manner to permit unimpeded traffic flow whenever possible. The interruption of traffic will not be permitted unless specifically allowed by the Town or the Engineer. Workday operations shall be scheduled to minimize disruption to peak commuter traffic.
3. All construction signing shall be supplied, erected, maintained, and removed by the Contractor.
4. Access to all abutting properties shall be maintained at all times. In the event that major work must be done at drives that precludes full-access, the Contractor is to coordinate the work with the property owner to minimize inconveniences.
5. Access to emergency vehicles shall be maintained throughout the duration of the project.

Amend Subsection 104.04, Rights In and Use of Materials Found on the Project, with the following:

All items designated to be removed and stacked on the plans within the town layout and noted to be stacked shall be delivered and stacked at the Hampton Department of Public Works maintenance facility as directed by the Public Works Director or his duly authorized representative by the Contractor at no additional charge to the Hampton School Board.

All surplus materials resulting from work under this Contract, and not needed for use on the project and not directed to be stacked as determined by the Engineer and/or the Hampton School Board shall become the property of the Contractor and shall be disposed of by the Contractor outside and away from the limits of the project subject to the regulations and requirements of local authorities governing the disposal of such materials.

Delete Subsection 104.11, Value Engineering Change Proposals by the Contractor, in its entirety.

SECTION 105 – CONTROL OF THE WORK

Amend Subsection 105.06, Cooperation with Utilities, with the following:

Written notice shall be given by the Contractor to all public service corporations or officials, owning or having charge of publicly or privately owned utilities, of his intention to commence operations affecting such utilities at least one week in advance of the commencement of such operations, and the Contractor shall, at that time, file a copy of such notice with the Town.

Before the Contractor begins any work or operations that might damage any subsurface structures, he shall carefully locate all such structures and conduct his operations so as to avoid any damage to them.

New Hampshire State Law, RSA 374:48-56, requires that anyone who excavates in a public way or utility easement must notify the utility damage prevention system, DIG-SAFE, at least 72 hours prior to starting work. See Section 105.06 Cooperation with Utilities of the Standard Specifications.

DIG SAFE Call Center 1-888-344-7233 or Dial 811

The following are the names and addresses of the underground utilities presumed to be affected; however, the completeness of the list is not guaranteed.

Town of Hampton, NH

Town of Hampton Sewer & Drain Division
11 Hardardt's Way
Hampton, NH 03842
Telephone: (603) 926-3202
Attn: Chris Jacobs

Unitil Corporation
325 West Road
Portsmouth, NH 03801
Attn: Russell Croteau

Aquarion Water Company
7 Scott Road
Hampton, NH 03842
Attn: Michael Bernier

Amend Subsection 105.07, Cooperation between Contractors, with the following:

Concurrent work may be in progress in the project area by the NHDOT, the Town, by utility companies, by other contractors hired by the Town, or by other contractors hired by private parties. The Contractor is required to coordinate his activities with these parties. See Section 105.07, Cooperation Between Contractors, of the Standard Specifications. No additional compensation shall be provided to the Contractor as a result of coordination between the various contractors.

Replace the first paragraph of Subsection 105.08, Construction Stakes, Lines, and Grades, with the following:

The Contractor's Work associated with furnishing complete line and grade control shall be in accordance with Section 4.05 of the General Conditions of these Construction Documents.

Add the following paragraphs to Subsection 105.08, Construction Stakes, Lines, and Grades:

The Contractor shall exercise due care when working around all layout bounds and property markers that are to remain. This shall include, but not necessarily be limited to, concrete and granite bounds, iron rods, rebars, stakes, pipes, nails, or any other property or layout markers whether existing or proposed under this project. Should any damage to a property marker result from the actions of the Contractor, the marker shall be replaced, realigned, and/or reset to its intended position by a Licensed Land Surveyor hired by the Contractor as directed by the Engineer. No further compensation will be due to the Contractor for the materials and labor required to re-establish the property marker as described above.

Add the following paragraph to Subsection 105.10, Inspection of Work:

For the purpose of observing work that affects their respective properties, inspectors for the municipalities, public agencies, and the utility companies shall be permitted access to the work site. In addition, inspectors may be assigned by the Hampton School Board to oversee construction of the work shown on the Plans, and shall have the authority to govern the work shown on the Plans. However, any directives that result in an increase in quantities or the addition of new items shall be authorized and issued through the Hampton School Board. The cost of any and all such inspection shall be borne by the Hampton School Board.

Add Subsection 105.20, Notice to Emergency Service and Public Transportation Officials:

Written notice shall be given by the Contractor to all public emergency service or public transportation officials of his intention to commence operations affecting such utilities at least 48 hours in advance of the commencement of such operations, and the Contractor shall, at that time, file a copy of such notice with the Town. In addition, the contractor shall provide the officials with a 24-hour contact name and number should any issues arise as a result of the work.

The following are the names and addresses of the emergency services or public transportation officials presumed to be affected; however, the completeness of the list is not guaranteed.

Hampton Fire/Rescue
140 Winnacunnet Road
Hampton, NH 03842
Telephone: (603) 926-3316
Attn: Chief Jameson Ayotte

Hampton Police Department
100 Brown Avenue
Hampton, NH 03842
Telephone: (603) 929-4444

Greenman-Pedersen, Inc.
21 Daniel Street, Second Floor
Portsmouth, NH 03801-3868
Telephone: (603) 891-2213
Attn: Joseph Johnson
Email: JJohnson@gpinet.com

SECTION 106 – CONTROL OF MATERIAL

Amend Subsection 106.01, Source of Supply and Quality Requirements, with the following:

All materials installed under this Contract shall be listed on the NHDOT Qualified Products List as appropriate, unless otherwise specified in these Construction Specifications. A list of materials proposed to be installed shall be provided by the Contractor to the Engineer and the Town.

Amend Subsection 106.06, Storage and Handling of Materials, with the following:

The Contractor shall not store equipment, construction vehicles, and materials within the clear zoned of the traveled way. Location of storage areas within the right-of-way will be subject to the approval by the Town. The Contractor shall maintain a clear travel-way for emergency vehicles and general access to abutting properties at all times.

No operation shall be conducted on or near the traveled lanes or roadway shoulders without first erecting the necessary traffic control (i.e., cones, drums, police detail, etc.), as required and prior to approval of the Engineer.

SECTION 608 – SIDEWALKS

Description

Section 1.2, revise in its entirety to read as follows:

1.2 This work shall consist of furnishing and installing a detectable warning surface and accessories on sidewalk ramps at locations shown on the plans, as specified herein, or as ordered including any and all required surface preparation. Detectable warnings shall be installed at sidewalk ramps where a sidewalk crosses a vehicular way. Detectable warnings shall measure 24" in the direction of travel and extend the full width of the sidewalk ramp and the edge nearest the curblineline shall be located 6 to 8" from the face of curblineline.

Materials

Section 2.6.1, revise in its entirety to read as follows:

2.6.1 Material. Detectable warning devices shall be made of a colorfast and UV stable homogenous glass and carbon composite with fiberglass truncated domes. The panels shall be pressed into place in fresh, finished cement concrete and have the ability to be replaceable. Manufacturer shall be ADA Solutions Inc., or approved equal.

Section 2.6.2, revise in its entirety to read as follows:

2.6.2 Color. Detectable warning panels shall be a uniform Federal Yellow color.

Basis of Payment

Add the following sections:

Pay Items and Units:

608.541 Detectable Warning Devices

SECTION 616 – TRAFFIC SIGNALS**Description**

Add the following section:

1.3 This work consists of furnishing a pedestrian actuated school crossing system which consists of two (2) Rectangular Rapid Flashing Beacons (RRFB) (one on each side of the crosswalk) at the location indicated on the plans. All work shall comply with the guidelines set forth and located in the Federal Highway Administration Interim Approval Memorandum IA-11, and this special provision.

http://mutcd.fhwa.dot.gov/resources/interim_approval/ia11/fhwamemo.htm

The light assemblies shall be solar powered with battery back-up and each shall have a pedestrian push button conforming to the requirements of the American with Disabilities Act (ADA). The light assemblies shall be wirelessly controlled and the two units shall be fully synchronized.

GENERAL REQUIREMENTS

1. Each RRFB shall consist of two rapidly and alternately flashing rectangular yellow indications having LED array based pulsing light sources.
2. Each RRFB shall be a complete assembly, consisting of but not limited to concrete foundation, pole support, signs, pedestrian push button, mounting hardware and electrical components (wiring, solid-state circuit boards, etc).
3. In accordance with the Federal Highway Administration (FHWA) interim approval, each RRFB shall be installed at a crosswalk to supplement pedestrian warning signs with a diagonal downward arrow plaque, located at or immediately adjacent to a marked crosswalk.

FUNCTIONAL REQUIREMENTSAssembly

Each solar-powered, wireless, radio-communicated assembly, with battery-powered backup system, shall provide for pedestrian-activated push buttons on each side of the crosswalk that simultaneously commence operation of the RRFBs located at the crosswalk. The following additional conditions shall be met:

1. Two (2) sets of solar-powered rectangular rapid flashing beacons located at the crosswalk shall be capable of being viewed by motorists approaching the crosswalk from both directions of travel. The unit shall also include a single, side-mounted LED array facing the crosswalk, advising pedestrians of RRFB activation.
2. Two (2) free-standing solar panel units are required. The unit shall be mounted on top of each pole supporting the RRFB set.
3. Two (2) supporting poles must include all mounting hardware to support ground installation, as well as installation of the various assembly items.

Power

Each RRFB shall utilize a backup battery source powered by a solar panel unit mounted on top of the sign

assembly support. The solar power package shall be sized, using location and load based calculation software, to meet the power needs of the installation location. Autonomy with a fully charged battery shall be 10 days.

Activation

Each RRFB shall be activated by push button. The push button shall be fully ADA compliant and shall require no more than 2lbs. of pressure to activate.

Beacon Operation

1. The RRFB shall be normally dark, shall initiate operation only upon pedestrian actuation, and cease operation at a predetermined time after the pedestrian actuation.
2. All RRFB's associated with a given crosswalk shall, when activated, simultaneously commence operation of their alternating rapid flashing indications and shall cease operation simultaneously.
3. All RRFB light indications shall be wirelessly synchronized (All lights will turn on within 120 milliseconds and remain synchronized through-out the duration of the flashing cycle).
4. A pedestrian instruction R10-25 sign with the legend "PUSH BUTTON TO TURN ON WARNING LIGHTS" shall be integrated with the pedestrian pushbutton housing.
5. The duration of a predetermined period of operation of the RRFB's following each actuation should be based on the MUTCD procedures for timing of pedestrian clearance times for pedestrian signals.
6. A small light directed at and visible to pedestrians in the crosswalk shall be installed integral to the RRFB to give confirmation that the RRFB is in operation.
7. The activation length of the flashing lights shall be programmable 1 second to 24 hours in one second, minutes and hours.

Beacon Flashing Requirements

1. When activated, the two yellow indications in each RRFB shall flash in a rapidly alternating "wig-wag" flashing sequence (left light on, then right light on).
2. Each of the two yellow indications shall have 70 to 80 periods of flashing per minute and shall have alternating but approximately equal periods of rapid pulsing light emissions and dark operation. During each of its 70 to 80 flashing periods per minute, one of the yellow indications shall emit two rapid pulses of light and the other yellow indication shall emit three pulses of light.
3. The flash rate of each yellow indication, as applied over the full on-off sequence of a flashing period of the indication, shall not be between 5 and 30 flashes per second, to avoid frequencies that may cause seizures.
4. The light intensity of the yellow indications shall meet the minimum specifications of Society of Automotive Engineers (SAE) standard J595 (Directional Flashing Optical Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles) dated January 2005.
5. Beacons shall be simple to maintain and allow replacement of individual rectangular beacons. It shall be rated for a minimum of 10 years.

Control Unit

The control unit shall be housed in a durable enclosure and shall be attached to the mounting pole. The control unit shall be readily accessible and easily and fully interchangeable.

Signs

All signs shall conform to MUTCD standards for size and retro-reflectivity requirements. All sign assemblies shall use anti-vandal fasteners to mount components to sign and sign to fixture. All sign assemblies shall have a two sets (mounted back to back) of S1-1 (36" x 36") with W16-7pL or W16-7pR (24"x12") signs on each pole. All warning signs shall have the MUTCD fluorescent yellow-green background color. Signs shall be mounted back to back (either side of the pole) such that they are visible from both approaches to the crosswalk.

Warranty

The manufacturer shall guarantee products and components to be free of any defects in materials and workmanship for a minimum period of four (4) years from the date of original purchase and will repair or replace any part of the unit which proves to be defective within the warranty period. Warranty details must be included in the submittal.

Materials

Add the following section:

2.10 RRFB Equipment shall be Carmanah Model R920, or approved equal, and consist of the following:

Beacon Dimensions and Placement in Sign Assembly

1. The RRFB light bar shall be a two-sided box with dimensions of 3.25" (height) by 20" (width) by 8" (depth) or equivalent. There shall be five (5) LED's that are recessed for vandal resistance and the box shall be painted federal yellow. The power required is 12 volts, DC (solar power).
2. The assembly shall include four (4) high intensity yellow LED fixtures, which deliver indication to motorists approaching from both directions of travel. Each LED unit shall also be capable of swiveling up to 52 degrees left or right of center to direct the maximum LED light to approaching traffic.
3. The housing units shall also include a high intensity yellow LED mounted on the street side of the assembly, which will flash upon the receipt of an incoming digital radio signal from either one of the assemblies. This is intended to provide pedestrians confirmation that the assembly across the street has been activated.
4. Each RRFB indication shall be a minimum size of 5" wide x 2" high.
5. The two (2) sets of RRFB indications shall be aligned horizontally, with the longer dimension horizontal, and a minimum space between the two indications of approximately seven inches (7"), measured from the inside edge of one indication to the inside edge of the other indication.
6. The outside edges of the RRFB indications, including any housings, shall not project beyond the outside edges of the integral signage of the RRFB.
7. The RRFB shall be located between the bottom of the S1-1 sign and the top of the supplemental W16-7p(L/R) sign.
8. Each RRFB to be supplied with all required hardware to install assembly. All exposed hardware shall be anti-vandal.

Controller

The controller unit shall be housed in a NEMA 4X rated, pole mounted, aluminum cabinet with stainless steel hinge.

Control Circuit

The control circuit shall have the capability of independently flashing up to two independent outputs. The LED light outputs and flash pattern shall be completely programmable. The flashing output shall have 70 to 80 periods of flashing per minute with a 100 – millisecond duration on time consisting of double and triple flashes per cycle.

The output shall reach the output current as programmed for the duration of the pulse. The flashing output shall be programmable. The control circuit shall be installed in a NEMA rated enclosure.

Battery

The battery unit shall be a 12VDC 45 AHR Sealed AGIM Lead Battery. All batteries used shall have a minimum of 35-ampere hours.

Wireless Radio

Radio control shall operate on a FCC approved 900mhz frequency hopping spread spectrum network with a normal operating range of 1000’.

Radio shall integrate with communication of RRFB control circuit to activate sign from pushbutton or passive detection input.

The Radio shall synchronized all of the remote RRFB light indications so they will turn on within 120msec of each other and remain synchronized throughout the duration of the flashing cycle.

Radio systems shall operate from 3.6 volts dc to 15 volts DC.

Push Button

1. The push button shall be ADA compliant and require no more than 2lbs. of pressure for activation. The button must be designed so that ice cannot form such that it would impede the function of the button.
2. The pushbutton shall incorporate visual feedback to indicate the button has been pressed and the displays are active.
3. The pushbutton shall have transient surge protection that shall include at a minimum, a resistor and TVS diode at the input connection. The pushbutton assembly shall be vandal resistant designed to withstand impacts from heavy objects. The button body must have raised ridges on all sides to protect button cap against side impacts. The button shall be designed so that it cannot be made to stay on. If the event the button is pressed for longer than 10 seconds, it shall reset itself and work normally even if it is still being held in.
4. The button shall be completely sealed and the electronics shall be encapsulated so that the button can function even after being immersed in water for an extended period of time.
5. The pushbutton shall be capable of continuous operation over a temperature range of -30 degree F to 165 degree F.

Solar Panel

The solar panel shall provide up to 55 watts peak total output. The solar panel shall be mounted to an aluminum plate and bracket at the optimum angle for the install location latitude to provide maximum output. All fasteners used shall be anti-vandal.

Supporting Structure

The supporting structure of the RRFB shall be a 4" diameter standard brushed aluminum traffic signal post and base. The support post shall be long enough to mount the signs, the RRFB and all other equipment. Each RRFB shall be supplied with all required installation hardware.

Method of Measurement

Add the following section:

- 4.2 Pedestrian actuated school crossing system will be measured as a unit consisting of a complete and working installation of two (2) Rectangular Rapid Flashing Beacons (RRFB) (one on each side of the crosswalk).

Construction Requirements

Add the following subsections to Section 3.1 to read as follows:

- 3.1.3 No work shall be commenced by the Contractor until approval of the shop drawings and the manufacturer's data has been received in writing from the Engineer. Approval of these drawings shall be general in character and shall not relieve the Contractor from the responsibility of, or the necessity of, furnishing materials and workmanship conforming to the plans and specifications.

Basis of Payment

Add the following sections:

- 5.4 Pedestrian actuated school crossing system will be paid by the Lump Sum which will include all items necessary to install and operate the RRFB in both approach directions at the crosswalk, including both signal assemblies, concrete foundations, anchor posts, poles, signs, arrays of RRFB indications, push button assemblies with user instructional sign, controller unit(s), confirmation indication lights, antennas, mounting hardware, batteries, solar panel, components, and all labor, materials, equipment and incidental costs required to complete the work.

Pay Items and Units:

- 616.21 Pedestrian Actuated School Crossing System

SECTION 632 – RETROREFLECTIVE PAVEMENT MARKINGS

Description

Add the following section:

1.2 This work shall consist of furnishing and placing blue colored retroreflective paint pavement markings within the area of the school crosswalk (complete area between the transverse 12” white thermoplastic markings) as shown on the plans.

Materials

Add the following section:

2.1.1 The blue colored retroreflective paint shall be similar to the material used at the existing school crossings in Town.

Construction Requirements

Add the following section:

3.6 Obliteration of Pavement Markings.

3.6.1 Pavement marking obliteration shall result in a minimum of pavement scar and shall obliterate all evidence of the existing pavement marking material. Removal may be performed by grinding, sand or water blasting, or other methods approved by the Engineer that do not materially damage the pavement surface.

3.6.2 Painting over pavement markings with paint, asphalt mixtures or any other material is prohibited.

3.6.3 Removal and disposal of pavement markings including, but not limited to retroreflective paint, retroreflective thermoplastic, preformed retroreflective tape and raised pavement markers shall be the responsibility of the Contractor in accordance with all applicable federal, state, and local regulations.

Basis of Payment

Add the following sections:

Pay Items and Units:

632.021 Retroreflective Blue Paint Pavement Marking, Symbol or Word

END OF SPECIFICATION

EXISTING **PROPOSED**

GENERAL LEGEND

STATE BOUNDARY LINE	
CITY, TOWN OR COUNTY BOUNDARY LINE	
STATE HIGHWAY LAYOUT LINE (NH)	
CITY, TOWN OR COUNTY LAYOUT LINE	
EASEMENT LINE	
PROPERTY LINE	
EDGE OF VEGETATED WETLAND/WETLAND FLAG	
HIGHWAY/PROPERTY BOUND (TYPE NOTED)	
CONSTRUCTION/SURVEY BASELINE	
TREE (TYPE & SIZE NOTED)	
EDGE OF WOODS/SHRUBS	
HANDICAP RAMP	
BENCH	
MAIL BOX	
PARKING METER	
SIGN	
FENCE (SIZE & TYPE AS NOTED)	
HIGHWAY GUARD (TYPE AS NOTED)	
BALANCED WALL (SIZE & TYPE AS NOTED)	
RETAINING WALL (SIZE & TYPE AS NOTED)	
CONTOURS	
SPOT ELEVATION, TOP AND BOTTOM CURB	
CURB OR BERM (TYPE AS NOTED)	
EDGE OF PAVEMENT (NO CURB OR BERM)	
BACK OF SIDEWALK	
TOP OR BOTTOM OF SLOPE (CUT OR FILL)	
SAWCUT LINE	
APPROX. COLD PLANING/TRANSITION AREA	
GRANITE RUBBLE BLOCK PAVEMENT	
SCORED CONCRETE PAVEMENT	
BORINGS, PAVEMENT CORES (SEE SPEC. PROV.)	
DRAIN LINE	
UNDERDRAIN (PERFORATED)	
DIRECTION OF FLOW	
SWALE	
DRAIN MANHOLE	
CATCH BASIN, DROP OR GUTTER INLET	
CATCH BASIN (OR GUTTER INLET) WITH CURB INLET	
LEACHING BASIN	
FLARED END	
HEADWALL	
SEWER LINE	
SEWER MANHOLE	
FORCED MAIN SEWER LINE	
COMBINED SEWER MANHOLE	
FORCE MAIN GATE VALVE	
WATER MAIN	
WATER MANHOLE	
HYDRANT	
FIRE ALARM BOX, FIRE STAND PIPE	
REDUCER	
CURB STOP OR WATER SHUT OFF	
WATER VALVE	
GAS MAIN	
GAS VALVE	
GAS SHUT OFF	
ELECTRICAL LINE OR DUCT	
ELECTRICAL CONDUIT	
ELECTRICAL MANHOLE	
ELECTRICAL HANDHOLE	
PULL BOX (12" x 12")	
ELECTRICAL JUNCTION OR SWITCH BOX	
ELECTRICAL LOAD CENTER CABINET W/FDM	
LIGHT POLE	
UTILITY POLE	
GUY WIRE & ANCHOR	
TELEPHONE LINE OR DUCT	
TELEPHONE MANHOLE	
STEAM LINE	
STEAM MANHOLE/TUNNEL HATCH	
PLUG OR CAP	
DELINEATOR	
OVERHEAD UTILITIES	
CABLE TV	

EXISTING **PROPOSED**

PAVEMENT MARKING LEGEND

STOP LINE - 18" THERMOPLASTIC	
SINGLE SOLID LINE WHITE	
CROSSWALK - 2-12" THERMOPLASTIC	
SINGLE SOLID LINE WHITE	
SINGLE SOLID LINE WHITE - 4"	
8" SINGLE SOLID LINE WHITE	
* SINGLE BROKEN LINE WHITE - 4"	
* SINGLE BROKEN LINE YELLOW - 4"	
** SINGLE DASHED LINE WHITE - 4"	
** SINGLE DASHED LINE YELLOW - 4"	
SINGLE SOLID LINE YELLOW - 4"	
8" SINGLE SOLID LINE YELLOW	
12" SINGLE SOLID LINE YELLOW	
DOUBLE SOLID LINE YELLOW - 2-4"	
SINGLE SOLID WITH BROKEN LINE YELLOW - 2-4"	
THERMOPLASTIC PAVEMENT ARROW & LEGEND	
THERMOPLASTIC PAVEMENT ARROWS	

* BROKEN LANE LINES TO BE 10' IN LENGTH WITH 30' GAP (TYP.)
 ** DASHED LINES TO BE 2' IN LENGTH WITH 6' GAP (TYP.)

THE FOLLOWING PLANS WILL BE USED ON THIS PROJECT
 NHDOT STANDARD PLANS (MOST RECENT VERSION):

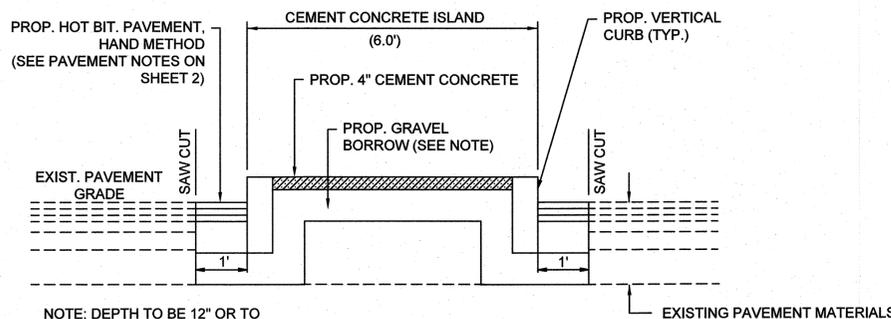
- CR-1 GRANITE CURB DETAILS
 - CR-2 CURB DETAILS
 - HR-2 RAISED ISLAND BLOCKOUTS
- SIDEWALK CURB RAMPS WITH DETECTABLE WARNINGS DATED 2/21/2012. (DETECTABLE WARNING PANELS SHALL NOT BE CAST IRON. SEE SPECIAL PROVISIONS FOR REQUIREMENTS.)
- ALL PAVEMENT MARKING STANDARDS AND PERMANENT SIGNING STANDARDS
- ALL WORK ZONE TRAFFIC CONTROL PLANS APPLICABLE TO THIS LOCATION
- SHEETS TC-1 THROUGH TC-8 AMEND PART VI OF THE 2009 EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) BY SUPERSEDING OR SUPPLEMENTING CERTAIN SECTIONS. THEY SHALL BE USED IN CONJUNCTION WITH THE MUTCD AND THE SPECIFICATIONS FOR WORK ZONE TRAFFIC CONTROL.

GENERAL ABBREVIATIONS

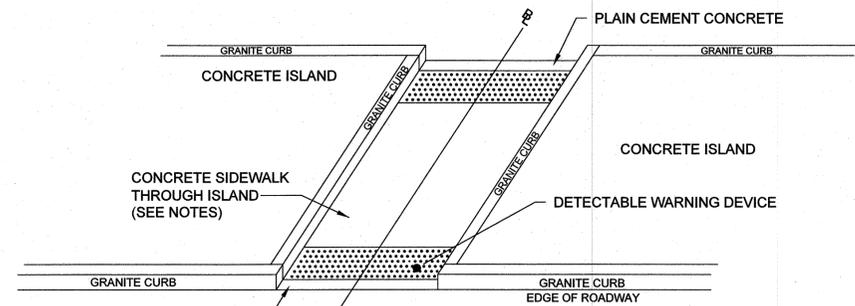
ABAN	ABANDON
ACCP	ASPHALT COATED CORRUGATED METAL PIPE
ADJ	ADJUST
APPROX	APPROXIMATE
BC	BOTTOM OF CURB
BD	BOUND
BIT CONC	BITUMINOUS CONCRETE
BO	BOTTOM OF BERM
BW	BOTTOM OF WALL
CC	CEMENT CONCRETE
CCB	CARP COD BERM
CI	CURB INLET
CIP	CAST IRON PIPE
CL	CHANGE IN TYPE
CLR	CLEARANCE
CLF	CHAIN LINK FENCE
CLDI	CEMENT LINED DUCTILE IRON
CMP	CORRUGATED METAL PIPE
CONSTR	CONSTRUCTION
CP	CENTER POINT
CPP	CORRUGATED PLASTIC PIPE
COND	CONDUIT
DIP	DUCTILE IRON PIPE
DR	DRIVEWAY
ELEV	ELEVATION
EL	EDGE OF PAVEMENT
ETW	EDGE OF TRAVELED WAY
EXIST	EXISTING
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FDN	FOUNDATION
FND	FOUND
FWD	FILLED WITH DEBRIS
GRAN	GRANITE
HMA	HOT MIX ASPHALT
HOR	HORIZONTAL
HP	HIGH POINT
HYD	HYDRANT
INV	INVERT
LB	LEACHING BASIN
LO	LAYOUT
MAX	MAXIMUM
MIN	MINIMUM
MON	MONUMENT
NOT IN CONTR	NOT IN CONTRACT
NGVD	NATIONAL GEODETIC VERTICAL DATUM
N/F	NOW OR FORMERLY
OHW	OVERHEAD WIRE
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PGL	PROFILE GRADE LINE
POI	POINT OF INTERSECTION
POC	POINT ON CURVE
PRC	POINT OF REVERSE CURVATURE
PROP	PROPOSED
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVCC	POINT OF VERTICAL COMPOUND CURVATURE
PVCP	POLYVINYLCHLORIDE PIPE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVRC	POINT OF VERTICAL REVERSE CURVATURE
PVT	POINT OF VERTICAL TANGENCY
PWW	PAVED WATERWAY
R	RADIUS
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
REM	REMOVE
REMOD	REMODEL
RCP	REINFORCED CONCRETE PIPE
RET	RETAIN
ROW	RIGHT OF WAY
RR	RAILROAD
SB	STONE BOUND
SB/DH	STONE BOUND/DRILL HOLE
SHLD	SHOULDER
SHLO	STATE HIGHWAY LAYOUT
SSD	STOPPING SIGHT DISTANCE
STA	STATION
STL	STEEL
TBM	TEMPORARY BENCH MARK
TC	TOP OF CURB
TOS	TOP OF SLOPE
TS	TRAFFIC SIGNAL
TSV & B	TAPPING SLEEVE, VALVE AND BOX
TW	TOP OF WALL
UC	UNDER CONSTRUCTION
USGS	U.S. GEOLOGICAL SURVEY
UP	UTILITY POLE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
WCR	WHEELCHAIR RAMP

GENERAL NOTES

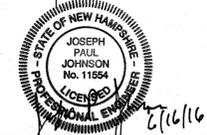
1. EXISTING CONDITIONS INFORMATION IS BASED ON SURVEY BY: GREENMAN-PEDERSEN, INC., 21 DANIEL STREET, SECOND FLOOR, PORTSMOUTH, NEW HAMPSHIRE, 603-891-2213 ON MAY 18, 2016.
2. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS DATED 2016, CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.
3. CONTRACTOR SHALL TAKE SPECIAL CARE IN NOT DISTURBING EXISTING MONUMENTS, BOUNDS, AND/OR BENCHMARKS WITHOUT FIRST MAKING PROVISIONS FOR RELOCATION.
4. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE EXACTLY AND TO PRESERVE ANY AND ALL UNDERGROUND UTILITIES. CALL "DIG-SAFE" 1-888-DIGSAFE (344-7233) AT LEAST 72 HOURS BEFORE COMMENCING CONSTRUCTION.
5. WHERE AN EXISTING UNDERGROUND UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
6. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
7. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
8. THE TERM "PROPOSED" (PROP.) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS, OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE & RESET" (R & R).
9. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS NOTED OTHERWISE.
10. ALL SYMBOLS, WORDS, TRANSVERSE MARKINGS (STOP BARS, CROSSWALK LINES, AND RAILROAD SYMBOLS) LANE LINES AND ALL OTHER MARKINGS NOTED WITH (T) SHALL BE THERMOPLASTIC.
11. THE CONTRACTOR SHALL CONTACT THE HAMPTON DPW AT (603)926-3202 ONE WEEK PRIOR TO PAVEMENT MARKING.
12. ALL EXISTING STATE, COUNTY, CITY AND TOWN LOCATION LINES AND PRIVATE PROPERTY LINES HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION AND THEIR EXACT LOCATIONS ARE NOT GUARANTEED. ALL PROPERTY LINES BETWEEN ABUTTERS ARE APPROXIMATE ONLY.
13. ALL DISTURBED AREAS NOT DESIGNATED TO BE PAVED SHALL HAVE LOAM PLACED AND SEED. THE LOAM SHALL HAVE A MINIMUM DEPTH OF 4 INCHES AND SHALL BE PLACED FLUSH WITH THE TOP OF THE ADJACENT CURB, EDGING, BERM OR PAVEMENT SURFACE.
14. THE LIMIT OF WORK AREA SHALL BE THE STREET RIGHT OF WAY UNLESS SHOWN OTHERWISE.
15. PRIOR TO THE START OF ANY NEW UTILITY WORK, ALL ELEVATIONS OF EXISTING UTILITIES THOSE ARE TO BE VERIFIED. THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY SHOULD ANY DISCREPANCIES OCCUR.
16. ALL CASTINGS SHALL BE SET FLUSH WITH FINISHED GRADE.
17. ALL GATE BOXES, SERVICE BOXES AND PUBLICLY OWNED MANHOLE FRAMES AND COVERS SHALL BE ADJUSTED TO GRADE BY THE CONTRACTOR. ADJUSTMENT OF THESE CASTINGS SHALL BE INCLUDED IN THE BID PRICE.



CEMENT CONCRETE ISLAND (VERTICAL CURB)
 NOT TO SCALE



- NOTES:**
- A 2' DETECTABLE WARNING DEVICE SHALL BE LOCATED AT EACH EXIT/ENTRANCE TO THE CEM. CONC. CUT THROUGH.
 - THE CEM. CONC. PATH THROUGH THE ISLAND SHALL BE ADA COMPLIANT IN TERMS OF MAX. RUNNING SLOPE AND CROSS SLOPE.
 - CUT THROUGH SHALL BE GRADED TO PREVENT PUDDLING.

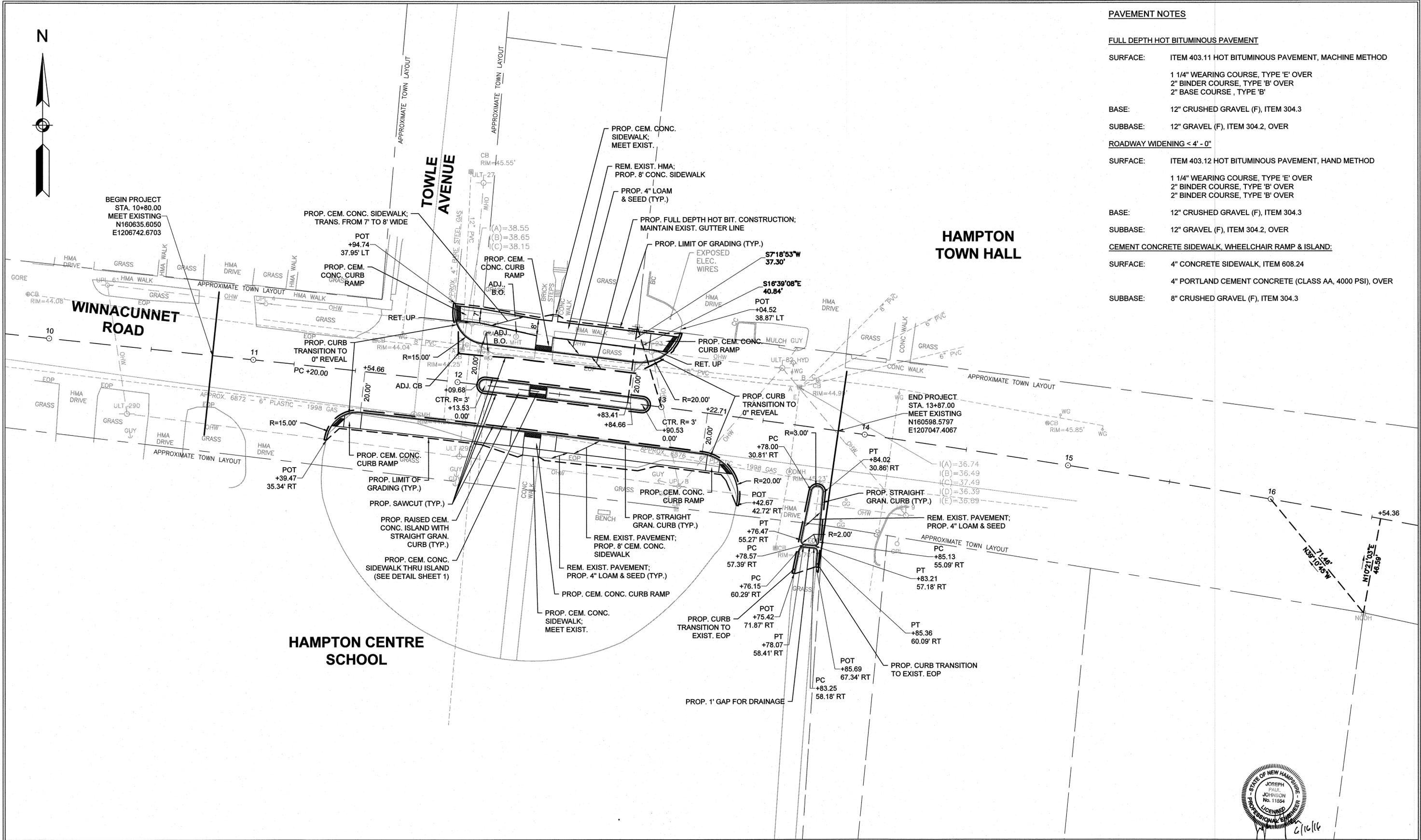


GPI Greenman-Pedersen, Inc.
 Engineers, Architects, Planners, Construction Engineers & Inspectors
 21 DANIEL STREET, SECOND FLOOR, PORTSMOUTH, NH 03801
 Tel: (603) 891-2213 Fax: (978) 658-3044
 Other Offices In: FL, MA, MD, MI, NJ, NY, OH, PA, VA, VT, WA <http://www.gpinet.com>

PROJECT:	WINNACUNNET ROAD (RTE.101E) PEDESTRIAN SAFETY IMPROVEMENTS HAMPTON, NEW HAMPSHIRE
PREPARED FOR:	HAMPTON SCHOOL DISTRICT 6 MARSTON WAY HAMPTON, NH 03842

LEGEND & ABBREVIATIONS
WINNACUNNET ROAD (RTE. 101E)
HAMPTON, NEW HAMPSHIRE

NO.	REVISION	DATE	DESIGNED/DRAWN BY:	MDK
			CHECK BY:	JPJ
			DATE:	06/16/2016
			SCALE:	AS NOTED
			JOB NO.:	MAX-2016063
			FILE NAME:	HD(LE)
			DRAWING NO.:	



PAVEMENT NOTES

FULL DEPTH HOT BITUMINOUS PAVEMENT

SURFACE: ITEM 403.11 HOT BITUMINOUS PAVEMENT, MACHINE METHOD
 1 1/4" WEARING COURSE, TYPE 'E' OVER
 2" BINDER COURSE, TYPE 'B' OVER
 2" BASE COURSE, TYPE 'B'

BASE: 12" CRUSHED GRAVEL (F), ITEM 304.3

SUBBASE: 12" GRAVEL (F), ITEM 304.2, OVER

ROADWAY WIDENING < 4' - 0"

SURFACE: ITEM 403.12 HOT BITUMINOUS PAVEMENT, HAND METHOD

1 1/4" WEARING COURSE, TYPE 'E' OVER
 2" BINDER COURSE, TYPE 'B' OVER
 2" BINDER COURSE, TYPE 'B' OVER

BASE: 12" CRUSHED GRAVEL (F), ITEM 304.3

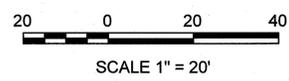
SUBBASE: 12" GRAVEL (F), ITEM 304.2, OVER

CEMENT CONCRETE SIDEWALK, WHEELCHAIR RAMP & ISLAND:

SURFACE: 4" CONCRETE SIDEWALK, ITEM 608.24

4" PORTLAND CEMENT CONCRETE (CLASS AA, 4000 PSI), OVER

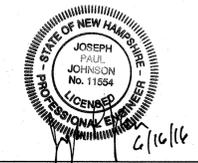
SUBBASE: 8" CRUSHED GRAVEL (F), ITEM 304.3



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PROJECT: WINNACUNNET ROAD (RTE.101E) PEDESTRIAN SAFETY IMPROVEMENTS
 HAMPTON, NEW HAMPSHIRE
PREPARED FOR: HAMPTON SCHOOL DISTRICT
 6 MARSTON WAY
 HAMPTON, NH 03842

CONSTRUCTION PLANS
WINNACUNNET ROAD (RTE. 101E)
HAMPTON, NEW HAMPSHIRE



NO.	REVISION	DATE	DESIGN/DRAWN BY:	MDK
			CHECK BY:	JPJ
			DATE:	06/16/2016
			SCALE:	AS NOTED
			JOB NO.:	MAX-2016063
			FILE NAME:	HD(CO)
			DRAWING NO.:	

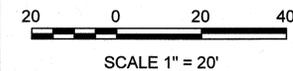
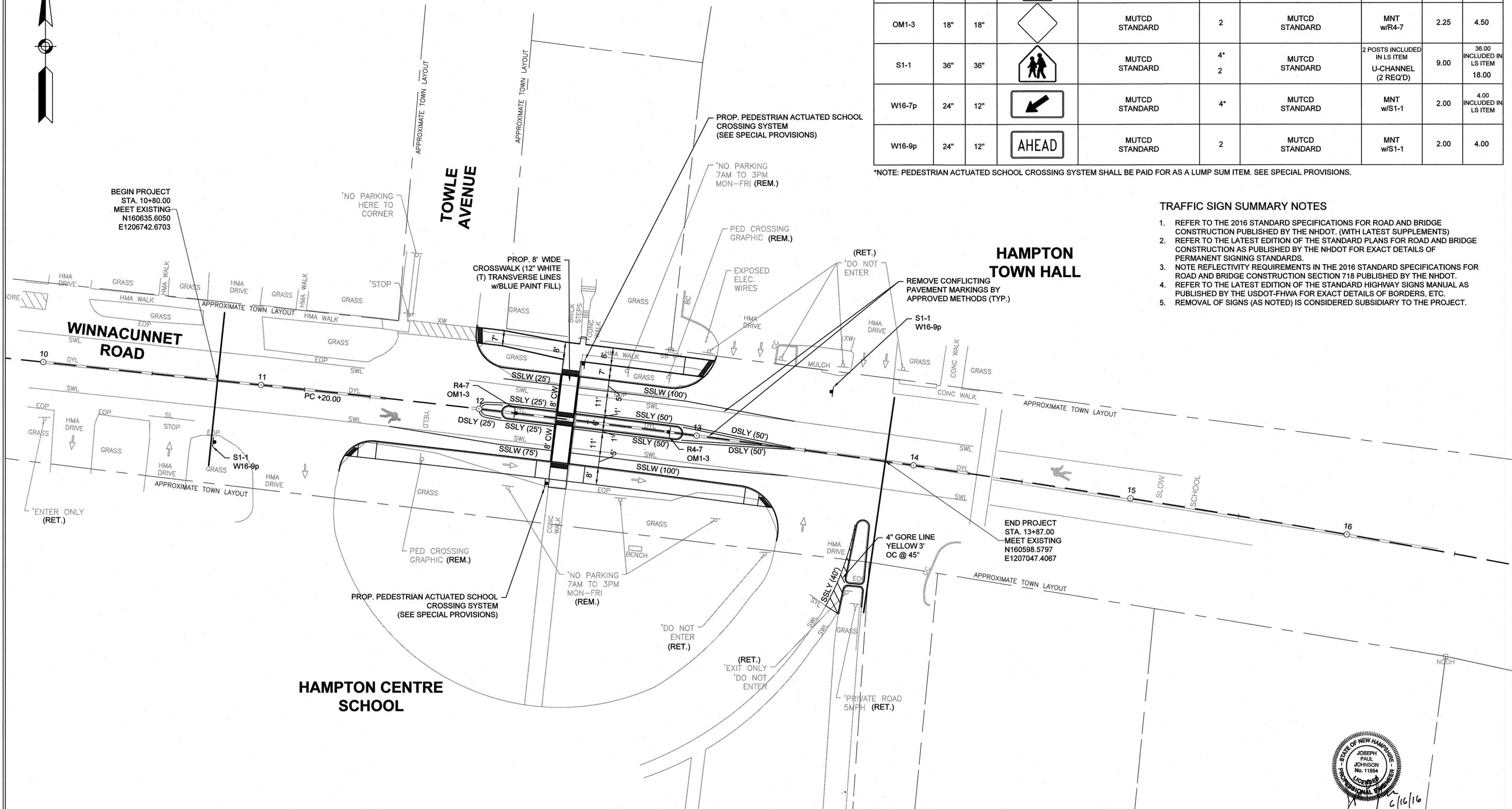


IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)		NUMBER OF SIGNS REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA IN SQUARE FEET	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING		BACK-GROUND	LEGEND	BORDER			
R4-7	24"	30"		MUTCD STANDARD		2	MUTCD STANDARD			U-CHANNEL (2 REQ'D)	5.00	10.00
OM1-3	18"	18"		MUTCD STANDARD		2	MUTCD STANDARD			MNT w/R4-7	2.25	4.50
S1-1	36"	36"		MUTCD STANDARD		4*	MUTCD STANDARD			2 POSTS INCLUDED IN LS ITEM U-CHANNEL (2 REQ'D)	9.00	36.00 INCLUDED IN LS ITEM 18.00
W16-7p	24"	12"		MUTCD STANDARD		4*	MUTCD STANDARD			MNT w/S1-1	2.00	4.00 INCLUDED IN LS ITEM
W16-9p	24"	12"		MUTCD STANDARD		2	MUTCD STANDARD			MNT w/S1-1	2.00	4.00

*NOTE: PEDESTRIAN ACTUATED SCHOOL CROSSING SYSTEM SHALL BE PAID FOR AS A LUMP SUM ITEM. SEE SPECIAL PROVISIONS.

TRAFFIC SIGN SUMMARY NOTES

- REFER TO THE 2016 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION PUBLISHED BY THE NHDOT. (WITH LATEST SUPPLEMENTS)
- REFER TO THE LATEST EDITION OF THE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AS PUBLISHED BY THE NHDOT FOR EXACT DETAILS OF PERMANENT SIGNING STANDARDS.
- NOTE REFLECTIVITY REQUIREMENTS IN THE 2016 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 718 PUBLISHED BY THE NHDOT.
- REFER TO THE LATEST EDITION OF THE STANDARD HIGHWAY SIGNS MANUAL AS PUBLISHED BY THE USDOT-FHWA FOR EXACT DETAILS OF BORDERS, ETC.
- REMOVAL OF SIGNS (AS NOTED) IS CONSIDERED SUBSIDIARY TO THE PROJECT.



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PROJECT: WINNACUNNET ROAD (RTE.101E) PEDESTRIAN SAFETY IMPROVEMENTS
 HAMPTON, NEW HAMPSHIRE
 PREPARED FOR: HAMPTON SCHOOL DISTRICT
 6 MARSTON WAY
 HAMPTON, NH 03842

**TRAFFIC SIGN & PAVEMENT MARKING PLANS
 WINNACUNNET ROAD (RTE. 101E)
 HAMPTON, NEW HAMPSHIRE**



NO.	REVISION	DATE	DESIGN/DRAWN BY:	MDK
			CHECK BY:	JPJ
			DATE:	06/16/2016
			SCALE:	AS NOTED
			JOB NO.:	MAX-2016063
			FILE NAME:	HD(PM)
			DRAWING NO.:	

Appendix 2

CONSTRUCTION PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)

(Address of Contractor)

a _____, hereinafter called Principal,
(Corporation, Partnership or Individual)

and _____
(Name of Surety)

(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

(Name of Owner)

(Address of Owner)

hereinafter called **OWNER**, in the total aggregate penal sum of _____ Dollars, \$ _____)

in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the **OWNER**, dated the _____ day of _____ 20 ____, a copy of which is hereto attached and made a part hereof for the construction of:

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extension thereof which may be granted by the **OWNER**, with or without notice to the Surety and during the one year guaranty period, and if the **PRINCIPAL** shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the **OWNER** from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the **OWNER** all outlay and expense which the **OWNER** may incur in making good any default, then this obligation shall be void: otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to **WORK** to be performed thereunder or the specifications accompanying same shall in any way affect its obligation on this **BOND**, and it does hereby waive notice of any such change, extension of time alteration or addition to the terms of the contract or to the **WORK** or to the specifications.

PROVIDED, FURTHER, that it is expressly agreed that this **BOND** shall be deemed amended automatically and immediately, without formal and separate amendments hereto, upon amendment to the Contract not increasing the contract price more than 20 percent, so as to bind the **PRINCIPAL** and the **SURETY** to the full and faithful performance of the Contract as so amended. The term "Amendment", wherever used in this **BOND** and whether referring to this **BOND**, the contract or the loan Documents shall include any alteration, addition, extension or modification of any character whatsoever.

PROVIDED, FURTHER, that no final settlement between the **OWNER** and the **CONTRACTOR** shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed _____ counterparts, each one of
(number)
which shall be deemed an original,
this _____ day of _____, 20 ____ .

ATTEST:

By: _____
(Principal) Secretary

(SEAL)

BY

Principal

(Address)

By: _____
Witness as to Principal

(Address)

ATTEST:

By _____
Witness as to Surety

(Address)

BY

(Surety)

Attorney - in - Fact

(Address)

NOTE: Date of **BOND** must not be prior to date of Contract.

If **CONTRACTOR** is Partnership, all partners should execute **BOND**

IMPORTANT: Surety companies executing **BONDS** must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State of New Hampshire

CONTRACTOR'S AFFIDAVIT

STATE OF: _____

COUNTY OF: _____

Before me, the undersigned, a _____
(Notary Public, Justice of Peace, Alderman)

in and for said County and State personally appeared,

(Individual, Partner or duly authorized representative of corporate contractor)

who being duly sworn according to law authorized representative of corporate contractor) deposes and says that the cost of all the Work, and outstanding claims and indebtedness of whatever nature arising out of the performance of the contract between

(Owner)

and _____ of _____
(Contractor) (Address)

dated _____ for the construction of the _____
(Project Name)

and necessary appurtenant installations have been paid in full.

(Individual, Partner, or duly authorized representative of corporate contractor)

(Title)

Sworn to and subscribed before me

this _____ day of _____, 20 ____

Notary Public

**CONSENT OF SURETY COMPANY
TO
FINAL PAYMENT**

OWNER'S CONTRACT NO.: _____ ENGINEER' PROJECT NO.: _____
AGREEMENT DATE: _____
BOND NUMBER: _____

CONTRACT TITLE: _____

To: _____ (Owner)

From: _____ (Contractor)

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the _____ (Surety) on the bond of _____ (Contractor) hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety Company of any of it's obligations to the _____ (Owner) as set forth in the said Surety Company's Bond.

IN WITNESS WHEREOF, the Surety Company has hereunto set its hand this _____ day of _____, 20__.

Surety Company

Signature of Authorized Representative

Attest: (Seal)

Name & Title

Note: Power of Attorney should be attached in instances where same applies.

CONTRACTOR'S FINAL LIEN WAIVER

(page 1 of 2)

OWNER'S CONTRACT NO.: _____ ENGINEER' PROJECT NO.: _____
AGREEMENT DATE: _____

CONTRACT TITLE: _____

To: _____ (Owner)

APPLICATION FOR FINAL PAYMENT

The undersigned hereby certifies that the amount owed set forth below constitutes the entire value of all work performed and services rendered by, through or under the undersigned with respect to the project not heretofore paid for up to and including the period covered by the above Application for Final Payment; that all work covered by such Application has been incorporated into the project and title thereto has passed to the Owner free and clear of all liens, claims, security, interests or encumbrances; and that no work covered by such Application has been acquired subject to an agreement under which any interest therein or an encumbrance thereon is retained by the seller or any other person. In consideration of payment of the requisition, the undersigned hereby releases the Owner from all claims of lien which the undersigned has regarding the Project.

The undersigned, in order to induce the Owner to pay the requisition, hereby represents that it has paid or will pay from the proceeds of the requisition all sums due to those parties who have performed work or provided materials to the undersigned in connection with the Project, and that it will on request of the Owner provide written evidence of the discharge by the undersigned of its obligations to such parties.

Executed under seal as of this _____ day of _____, 20__.

Amount Owed to Contractor by Owner as Final Payment:
\$ _____ (total value of project including change orders)

Amount Unpaid From Previous Application for Payment:
\$ _____

CONTRACTOR'S FINAL LIEN WAIVER

(page 2 of 2)

From: _____ (Contractor)

Authorized Representative Signature

Name and Title (printed)

NOTARY:

Then personally appeared the above named _____ and
acknowledged the foregoing to be the free act and deed of the above-named Contractor, before
me.

Subscribed and sworn to on the _____ day of _____, 20__.

Notary Public: _____

My Commission Expires: _____

CERTIFICATE OF FINAL COMPLETION OF WORK

(page 1 of 2)

OWNER'S CONTRACT NO.: _____ ENGINEER' PROJECT NO.: _____
AGREEMENT DATE: _____

CONTRACT TITLE: _____

FINAL COMPLETION DATE PER AGREEMENT AND CHANGE ORDERS: _____
ACTUAL DATE OF FINAL COMPLETION: _____

FINAL CERTIFICATION OF CONTRACTOR

I hereby certify that the Work as identified in the Final Payment Request dated _____
_____ for the above-noted construction Contract represents full compensation for the actual
value of work completed. Additionally, all work completed conforms to the terms of the
Agreement and authorized changes.

CONTRACTOR

Date

Authorized Representative's Signature

Name & Title

FINAL CERTIFICATION OF ENGINEER

I have reviewed the Contractor's Final Payment Request dated _____ and hereby
certify that to the best of my knowledge, the cost of the work identified on the Final Payment
Request represents full compensation for the actual value of work completed and that the work
has been completed in accordance with the terms of the Agreement and authorized changes.

ENGINEER

Date

Authorized Representative's Signature

Name & Title

CERTIFICATE OF FINAL COMPLETION OF WORK

(page 2 of 2)

FINAL ACCEPTANCE OF OWNER

I, as representative of the Owner, accept the above Final Certifications and authorize Final Payment in the amount of \$ _____ and direct the Contractor's attention to the General Conditions. The guaranty for all Work completed subsequent to the date of Substantial Completion, expires _____ year from the date of this Final Acceptance.

At a meeting of the _____ (Town Council/Selectmen/Alderman), the Owner, _____ (Name of the community) has accepted the constructed project.

OWNER

Date

Authorized Representative's Signature

Name & Title

END OF SECTION

CONTRACTOR'S RELEASE

To Whom It May Concern:

Whereas, the undersigned has been employed by _____
to furnish labor and materials for _____
work, under a contract _____
for the improvement of the property described as _____
in the _____ of _____
County of _____, State of _____
of which _____ is the OWNER.

NOW, THEREFORE, the said _____
(Contractor)

(for myself, my heirs, executors and administrators)(for itself, its successors and assigns) do/does
by these presents remise, release, quit-claim and forever discharge the Hampton School District, New
Hampshire (OWNER), its successors and assigns of and from all claims and demands, arising
from or in connection with the said Contract dated _____, and of and from all, and all
manner of action and actions, cause and causes of action and actions, suits, debts, dues, duties,
sum and sums of money, accounts, reckonings, bonds, bills, specialties, covenants, contracts,
agreements, promises, variances, damages, judgments, extents, executions, claims and demand,
whatsoever in law or equity, or otherwise, against the _____ its
successors and assigns, which (I, my heirs, executors, or administrators)(its successors and
assigns) hereafter can, shall or may have, for, upon or by reason of any matter, cause, or thing
whatsoever; from the beginning of recorded time to the date of these presents.

IN WITNESS WHEREOF, _____
(Contractor)

has caused these presents to be duly executed this _____ day
of _____, 20__.

Signed, sealed and delivered in the presence of:

(Individual - Contractor) (Seal)

(Partnership - Contractor) (Seal)

_____ By: _____ (Seal)
(Partner)

Attested:

(Corporation) (Seal)

_____ By: _____ (Seal)
(Secretary) (President or Vice President)

(Corporate Seal)