

## TOWN OF NATICK MASSACHUSETTS

**TO:** Natick Board of Selectmen  
Melissa A. Malone, Town Administrator  
William D. Chenard, Deputy Town Administrator - Operations  
Jeremy Marsette, Director, Natick Public Works  
William McDowell, Town Engineer  
John DiGiacomo, Assistant Town Engineer

**FROM:** Bryan R. Le Blanc, Procurement Officer

**DATE:** March 19, 2020

**SUBJECT: CONTRACT AWARD**  
**Roadway Improvements at Various Locations in Natick - 2020**

On March 5, 2020, sealed bids were received in accordance with M.G.L. c. 30, §39M, for the procurement of services to perform roadway improvements at various locations in the Town of Natick. Bids were received from four (4) bidders. (See attached.)

The lowest bidder, P.J. Keating Co., 998 Reservoir Road, Lunenburg, MA 01462, is the lowest responsible and eligible bidder. We recommend that the Natick Board of Selectmen award the contract to P.J. Keating Co. for the complete main bid work, as provided for in the Town's Invitation for Bids. The amount of the award will be for \$2,517,207.00, as provided for in P.J. Keating Co.'s bid. Mr. McDowell, and I have reviewed the bids received and have checked the references and qualifications of P.J. Keating Co. and have determined it to be a responsible and eligible bidder.

Please advise if you have any questions or require additional information.

Bids Received:	03/05/2020
Newspaper Advertisement ( <u>Metrowest Daily News</u> ):	02/11/2020
Website Posting:	02/06/2020
Town Hall Postings:	02/06/2020
Central Register:	02/12/2020
COMMBUYS Posting:	02/06/2020

Funding:       \$ 990,000.00 Chapter 90 Funds  
                  \$ 927,207.00 Article 12 FATM Roadway Improvements (Tax Levy Borrowing)  
                  \$ 600,000.00 Schools for the Ben Hem and Memorial Field parking area.

Bids Received: See attached.

# IFB Opening Form

Bids - Roadway Improvements at Various Locations in Natick, 2020,  
*!! (as extended per addendum 1)*

Date & Time: March 8, 2020, 11:00 A.M. EST

Date & Time: March ~~8~~, 2020, 11:00 A.M. EST

[illegible]

the requirement to submit an insurance certificate with the bid is a local, non-statutory requirement and does not affect price. The Town will waive a bidder's failure to submit it with the bid as a clerical error/minor deviation if produced promptly upon demand.

CPO Signature:

**Witness Signature:**

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations - 2020**

This Contract is made this thirtieth day of March, 2020, by and between the Town of Natick, Massachusetts, with an address of Natick Town Hall, 13 East Central Street, Natick, MA 01760, acting by the Natick Board of Selectmen (hereinafter the "Town of Natick," the "Town," or the "Owner"), and P.J. Keating Co., a corporation organized under the laws of Massachusetts, with a principal office located at 998 Reservoir Road, Lunenburg, MA 01462 (hereinafter the "Contractor").

The words "he," "him" and "his" in this Contract, as far as they refer to the Contractor, shall so refer whether the Contractor is an individual, partnership or corporation. All prior contracts, if any exist between the Town and the Contractor, are hereby terminated and shall be of no force and effect.

1.     **Scope of Services**

In consideration of the obligations herein contained, the Contractor shall provide services related to the furnishing Roadway Improvements at Various Locations - 2020, as set forth in the Invitation for Bids for Services Related to the Furnishing of Roadway Improvements at Various Locations - 2020 ("IFB"), issued by the Board of Selectmen of the Town of Natick, Massachusetts, which is incorporated herein by reference.

2.     **Standard of Care**

The Contractor shall furnish all supplies, equipment, and labor necessary for the performance of the services required by this Contract in accordance with the applicable professional standards in the Eastern Massachusetts area. The Contractor warrants that it has in its employ, and throughout the term of the Contract or any extension or renewal thereof, will continue to have a sufficient number of persons experienced in developing and providing services required by this Contract, such that the Contractor's obligations under the Contract will be carried out in a prompt, safe and professional manner.

3.     **Term**

The term of this Contract shall commence as of the execution date of this contract and shall end on November 15, 2020. Time is of the essence in the performance of services rendered by the Contractor under this Contract. The Contractor, therefore, shall achieve final completion of the work by November 15, 2020.

4.     **Incorporation of the Invitation for Bids/Order of Priority of Contract Documents**

The provisions of the IFB and the Contractor's Bid are incorporated herein by reference. In the event of any conflict among the Contract Documents, the Documents shall be construed according to the following priorities:



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Highest Priority:	Amendments to Contract (if any)
Second Priority:	Contract
Third Priority:	Addenda to the IFB (if any)
Fourth Priority:	IFB
Fifth Priority:	Contractor's Bid.

**5. Payment**

In consideration for performance of the work in accordance with the requirements of this Contract, and in accordance with M.G.L. c.30, §39G, the Town shall pay the Contractor the prices set forth in the Contractor's Bid, a copy of which is attached hereto and incorporated by reference. Price adjustments and retainage shall be calculated and paid according to the IFB.

This Contract is a fixed price contract and therefore miscellaneous expenditures associated with the Contractor's work on this project shall not be paid by the Town. In the event that an unforeseen miscellaneous expense is incurred, the Contractor shall receive the Town's approval in writing prior to incurring the expense if it will subsequently seek payment of said expense from the Town.

Payment shall be made to the Contractor for work completed in accordance with this Contract. All requests for payment shall be submitted to the Town as an invoice and shall specify work completed, progress made toward completing deliverables, the number of hours worked, the classification of each employee who performed work, and the billing rate for each employee who performed work on the project.

Payment will be due fifteen (15) days after receipt of the Contractor's invoice by the Town for services rendered in accordance with this Contract. The Town shall not make payments in advance.

If the Town objects to all or part of any invoice, the Town shall notify the Contractor in writing within two (2) weeks of the date of receipt of the invoice, and shall pay that portion of the invoice not in dispute within fifteen (15) days after the date of receipt of the invoice.

Should it be necessary for the Contractor to engage the services of a specialized contractor or companies other than those originally proposed in the Contractor's response to the Town's Invitation for Bids, the Contractor shall take such measures only with the Town's prior written approval. Charges for such services shall be billed directly to the Town unless otherwise agreed upon by the parties.

Payment of the amounts due under this Contract shall release the Town of Natick, Massachusetts and its officers, employees, boards, commissions, committees,

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agents and representatives, from any and all claims and liability in any way relating to this Contract or anything done in pursuance thereof.

No payment by the Town to the Contractor shall be deemed to be a waiver of any right of the Town under this Contract or ratification by the Town of any breach hereof by the Contractor.

6.     **Warranty**

Any equipment delivered, unless otherwise agreed by the parties, shall be of generally merchantable quality and shall be fit for the purpose sought by the Town of Natick. All manufacturers' warranties on any equipment delivered shall be assigned to the Town of Natick.

7.     **Compliance with Laws**

The Contractor shall comply with all provisions of Federal, Massachusetts and Town of Natick law applicable to his work including, without limitation, statutes, by-laws, rules, regulations, orders and directives, as amended, and including, without limitation, the Williams-Steiger Occupational Safety and Health Act of 1970, as amended, and related regulations, as amended, in effect throughout the term of this Contract and any extension or renewal thereof. Without limitation, the Contractor shall comply with the provisions of Chapter 149, Section 26 to 27D of the Massachusetts General Laws, as amended, and the applicable minimum wage rates as determined by the Massachusetts Commissioner of Labor and Industries. This Contract shall be considered to include in their entirety all terms respecting workers' compensation insurance and other terms required to be included in it by Chapter 152 of the Massachusetts General Laws, as amended, and applicable provisions of any other laws, including, without limitation, Chapter 30, Sections 39F, 39G, 39K, 39L, 39M, 39N, 39O, 39P, and 39R of the Massachusetts General Laws, as amended, and Chapter 149, Sections 34, 34A, and 34B of the Massachusetts General Laws, as amended, and Chapter 82, Section 40 of the Massachusetts General Laws, as amended, as though such terms were set forth in their entirety herein.

8.     **Insurance**

The Contractor shall provide and maintain throughout the term of the Contract and any extension or renewal thereof the following insurance with companies that are authorized and licensed in the Commonwealth of Massachusetts to issue policies for the coverages and limits so required.

- a. Workers' Compensation Insurance as required by the laws of the Commonwealth of Massachusetts and employer's liability insurance in the amount of \$1,000,000/\$1,000,000/\$1,000,000.

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- b. Commercial General Liability Insurance, \$1,000,000 each occurrence and \$2,000,000 aggregate limit. Commercial General Liability insurance shall include personal injury liability, broad form property damage liability, products/completed operations liability and broad form contractual liability.
- c. Automobile Liability Insurance, covering all leased, owned, non-owned, and hired vehicles - Combined single limit of \$1,000,000.
- d. Excess Liability Insurance, Umbrella Form - \$1,000,000 each occurrence and \$2,000,000 aggregate, which shall be following form, providing coverage over commercial general liability insurance, automobile liability insurance, and employer's liability under workers' compensation insurance.
- e. The Town of Natick shall be named as an additional insured on each such policy of Commercial General Liability Insurance, Excess Liability Insurance, Umbrella Form, and Automobile Liability Insurance.
- f. All certificates and policies shall contain the following provision:

“Notwithstanding any other provision herein, should any of the above policies be cancelled or materially amended before the expiration date thereof, the issuing company will mail thirty (30) days prior written notice thereof to the named certificate holder and to the Natick Town Administrator, Natick Town Hall, 13 East Central Street, Natick, MA 01760 before such cancellation or amendment shall take place.”
- g. Certificates evidencing such insurance in five (5) copies shall be furnished to the Town at the execution of this Agreement. Such certificates shall not merely name the types of policy provided, but shall specifically refer to this Agreement and shall state that such insurance is as required by this Agreement. The Contractor shall make no claims against the Town of Natick or its officers for any injury to any of its officers or employees or for damage to its equipment arising out of work contemplated by the Agreement.
- h. The Contractor shall also be required to provide to the Town of Natick with its proof of insurance coverage endorsements or riders to the policies of commercial general liability insurance, automobile liability insurance, and excess liability insurance, umbrella form, which indicate that the Town of Natick is named as an additional insured on each such policy.

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- i. No insurance shall be obtained from an insurer which:
  - (1) is not licensed to sell insurance in the Commonwealth of Massachusetts; or
  - (2) is not authorized to provide insurance as an excess or surplus lines insurer, and does not have a current Best's rating of A or better;
- j. Failure to provide and continue in force such insurance as aforesaid shall be deemed a material breach of this Contract and shall operate as an immediate termination thereof.
- k. The Contractor shall provide to the Town a copy of a certificate of insurance that provides evidence of all environmental liability insurance maintained by the Contractor.

**9. Indemnification**

The Contractor shall compensate the Town of Natick for all damage to Town property of any nature arising out of the Contractor's work. To the fullest extent permitted by law, the Contractor shall indemnify, defend, and hold harmless the Town of Natick and all of its officers, employees, boards, commissions, committees, agents and representatives from and against all claims, causes of action, suits, costs, damages, and liability of any kind which arise out of the breach by the Contractor of its obligations under this Contract, or the act or omission of the Contractor, its subcontractors, or their officers, employees, agents and representatives or anyone directly or indirectly employed by them, or anyone for whose acts or omissions they may be liable, regarding the work to be performed by the Contractor under the Contract, or which arise out of the violation of any federal, Massachusetts or Town of Natick statute, by-law, rule, regulation, order or directive, or which relate to personal injury or property damage suffered by the Contractor or any of its officers or employees regarding the subject matter of this Contract. Said costs shall include, without limitation, reasonable legal costs, collections fees, and counsel fees incurred in defending any claim or suit that may be brought against the Town and any judgment that may be obtained in any such claim or suit.

**10. No Personal Liability**

Neither the Town of Natick, nor its officers, employees, boards, committees, commissions, agents and representatives shall be under any personal obligation or incur any personal liability by reason of this Contract, the execution thereof or anything relating thereto which arises out of the breach or violation of any provision of this Contract, or the violation of any Federal, Massachusetts or Town

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of Natick statute, by-law, rule, regulation, order or directive, or which relates to personal injury or property damage suffered by the Contractor or its employees, regarding the subject matter of this Contract.

11. Familiarity with Area of Work

By signing this Contract, the Contractor acknowledges that it has examined the area of work which is the subject matter of this Contract and that it is familiar with all sites which are the subject of this Contract and with all conditions of the I FB and of this Contract. The Contractor has entered into this Contract in reliance on its own examinations and estimates as to the amount and character of its work, and conditions which may be encountered in the performance thereof, and shall assume all risks and bear all losses pertaining thereto.

12. Performance Bond

Within ten (10) calendar days after notification of award of this Contract by the Town, the Contractor shall deliver to the Town a Performance Bond, in the amount of one hundred (100%) percent of the Contract price, with a surety company that is acceptable to the Town and that is licensed by the Massachusetts Division of Insurance.

13. Labor and Materials Payment Bond

Within ten (10) calendar days after notification of award of this Contract by the Town, the Contractor shall deliver to the Town a Labor and Materials Bond, in the amount of one hundred (100%) percent of the Contract price, with a surety company that is acceptable to the Town and that is licensed by the Massachusetts Division of Insurance.

14. Independent Contractor Status

The Contractor shall provide services under this Contract as an independent contractor with the Town of Natick and not as an employee of the Town of Natick. No employee, agent or representative of the Contractor shall be entitled to receive any benefits of employment with the Town of Natick, including without limitation salary, overtime, vacation pay, holiday pay, sick leave, health insurance, life insurance, pension or deferred compensation.

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15. Use of Alcohol and Controlled and/or Mood Altering Substances Prohibited

The Contractor hereby acknowledges that the use of alcoholic beverages, narcotics, controlled and/or mood altering substances, except for current valid, legal prescriptions, by any officer, employee, agent, or representative of the Contractor is prohibited on Town of Natick property which is the subject matter of this Agreement and during all hours of work under this Agreement. If any officer, employee, agent, or representative of the Contractor violates the foregoing provision, the Town of Natick shall have the right to order that such officer, employee, agent, or representative of the Contractor shall not be permitted to return to work on this Agreement. Under such circumstances, the Contractor shall promptly remove the subject officer, employee, agent, or representative from the job site and shall not permit the subject officer, employee, agent, or representative to perform further work in conjunction with this Agreement.

16. No Smoking

Pursuant to Massachusetts General Laws (M.G.L.) c. 270, §22, the Commonwealth of Massachusetts Smokefree Workplace Law, the Contractor, its officers, employees, agents, and representatives shall refrain from smoking and from using tobacco products in any public building in the Town of Natick.

17. Criminal Background Screening

For each employee of the Contractor who is performing services under this Contract, the Contractor shall, subject to its confidentiality and privacy obligations owing to its employees and third parties, provide a written confirmation to the Town that such employee passed the Contractor's pre-employment criminal background screen. In the event that any employee refuses to permit the Contractor to provide such information to the Town, the Contractor shall not assign such employee to perform services for the Town, and such employee shall not be authorized to perform services for the Town. The Town shall be permitted to keep such information in its files.

18. Delays/*Force Majeure*

Except as specifically set forth in this Contract, neither party shall hold the other responsible or liable for damages or delays in performance caused by acts of God, interruptions in the availability of labor, or other events beyond the control of the other party, or that could not have been reasonably foreseen or prevented. For this purpose, such acts or events shall include unusually severe weather affecting performance of services, floods, epidemics, wars, riots, strikes, lockouts, or other industrial disturbances, protest demonstrations, and project site conditions which could not have been reasonably anticipated. Should such acts or events occur, both parties shall use their best efforts to overcome the difficulties arising and to

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resume as soon as reasonably possible the normal pursuit of the services for the Project.

19. Termination

- a. If the Contractor shall breach any provision of this Contract, which breach is not cured within twenty-one (21) days of written notice thereof from the Town to the Contractor, the Town shall have the right to terminate this Contract upon written notice to the Contractor.
- b. If any assignment shall be made by the Contractor or by any guarantor of the Contractor for the benefit of creditors, or if a petition is filed by the Contractor or by any guarantor of the Contractor for adjudication as a bankrupt, or for reorganization or an arrangement under any provision of the Bankruptcy Act as then in force and effect, or if an involuntary petition under any of the provisions of the Bankruptcy Act is filed against the Contractor and such involuntary petition is not discharged within ninety (90) days thereafter, in any event the Town may terminate this Contract upon written notice to the Contractor.
- c. The award of this Contract and the continued operation of this Contract are contingent upon appropriation by Natick Town Meeting of sufficient money to fund the Contract. Should Natick Town Meeting fail to appropriate necessary funds therefor, the Town of Natick shall no longer be under any obligation to tender performance, including payment, under the terms of this Contract. In that event the Town may terminate this Contract upon written notice to the Contractor.
- d. The Town may terminate this Contract upon written notice to the Contractor if a source of money to fund the Contract is lost during the Contract term. In the alternative, the parties may agree in writing to amend the Contract to provide for a Contract price which represents a reduced appropriation for the Contract term.
- e. The Town may also terminate this Contract for convenience upon thirty (30) days' written notice to the Contractor.

In the event of termination the Contractor shall be entitled to be paid for services rendered in accordance with this Contract prior to termination.

In the event that this Contract is terminated pursuant to Section 19a. or 19b. above, the Town may make any reasonable purchase or contract to purchase services in substitution for services due from the Contractor and may deduct the cost of any substitute contract, or damages sustained by the Town due to non performance or non conformance of services together with incidental and

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consequential damages from the Contract price, and shall withhold such damages from sums due or sums which become due.

20. Notices

Except as otherwise provided in this Contract all notices required or permitted to be given hereunder shall be in writing and shall be delivered by certified mail or registered mail, return receipt requested, to the parties at the following address or such other address or addresses as to which a party shall have notified the other party in accordance with this Section 20.

If to the Town: William Chenard, Deputy Town Administrator, Operations  
Natick Town Hall  
13 East Central Street  
Natick, MA 01760

With copies to: Karis L. North, Esq.  
Murphy, Hesse, Toomey & Lehane, LLP  
300 Crown Colony Drive, Suite 410  
Quincy, MA 02169

If to the Contractor:  
President  
P. J. Keating Co.  
998 Reservoir Road  
Lunenburg, MA 01462.

21. Miscellaneous Provisions

- a. Any action at law or suit in equity instituted by the Contractor as a result of the performance, non-performance or alleged breach of this Contract shall be filed in the Superior Court of the Commonwealth of Massachusetts for Middlesex County, MA, and in no other court or jurisdiction.
- b. No action or failure to act by the Town shall constitute a waiver of a right or duty afforded to the Town under the Contract, nor shall such action or failure to act constitute approval of or acquiescence in a breach thereunder, except as may be specifically agreed in writing. No forbearance or indulgence in any form or manner by the Town shall be construed as a waiver or in any way limit the legal or equitable remedies available to the Town. No waiver by the Town of any default or breach by the Contractor shall constitute a waiver of any subsequent default or breach.



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- c. If the Contractor discovers or is informed of any discrepancy or inconsistency in the Contract Documents in relation to any law, statute, ordinance, by-law, decree, code, rule, regulation, or order, the Contractor shall promptly, before commencing services under this Contract, report the same to the Town in writing.
- d. The Contractor acknowledges that it has not been influenced to enter into this Contract, nor has the Contractor relied upon any warranties or representations not set forth in this instrument.
- e. The Contractor shall maintain the confidentiality of information designated by the Town as confidential, unless withholding such information would violate the law or create a risk of significant harm to the public, or unless the Contractor has been required to release such information by final judgment or order of a court of competent jurisdiction, or unless the Town has expressly waived such confidentiality in advance in writing.
- f. The Contractor shall not represent or purport to represent that it speaks for the Town vis-à-vis the media or the public at-large without the Town's express, written consent in advance.
- g. Prior to commencing services under this Contract, the Contractor shall furnish the Town, in writing, the names, addresses and telephone numbers of not fewer than two (2) principal employees of his business who are to be contacted in the event of an after-hours emergency.
- h. By entering into this Contract, the Contractor certifies under penalties of perjury that its Bid was made and submitted in good faith and without collusion or fraud with any person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.
- i. By entering into this Contract, the Contractor certifies under the penalties of perjury, pursuant to M.G.L. c.62C, Section 49A(b), that it has complied with all laws of the Commonwealth relating to taxes, to reporting of employees and contractors, and to withholding and remitting child support.
- j. The Contractor understands that the Massachusetts Conflict of Interest Law, Chapter 268A of the Massachusetts General Laws, applies to the Contractor with respect to the services required to be provided under this Contract. The Contractor and its officers, employees, agents,

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subcontractors and affiliated agencies shall not participate in any activity which constitutes a violation of the Massachusetts Conflict of Interest Law or which creates an appearance of a violation of the Massachusetts Conflict of Interest Law.

- k. Prevailing wage rates, as contained in the Bid documents, shall be paid, pursuant to M.G.L. c.149, §§26-27G, if they are applicable.
- l. The Contractor shall not discriminate against or exclude any person from participation herein on grounds of race, color, religious creed, national origin, sex, gender identity, sexual orientation (which shall not include persons whose sexual orientation involves minor children as the sex object), age, genetic information, ancestry, children, marital status, veteran status or membership in the armed services, the receiving of public assistance, and handicap. The previous sentence shall include, but not be limited to, the following: advertising, recruitment; hiring; rates of pay or other forms of compensation; terms; conditions or privileges of employment; employment upgrading; transfer; demotion; layoff; and termination. The Contractor shall take affirmative actions to insure that applicants are employed, and that employees are treated during their employment, without regard to race, color, religious creed, national origin, sex, gender identity, sexual orientation (which shall not include persons whose sexual orientation involves minor children as the sex object), age, genetic information, ancestry, children, marital status, veteran status or membership in the armed services, the receiving of public assistance, and handicap.
- m. **To the extent that any of the foregoing sections required by Massachusetts law are inconsistent with other, non-statutory sections in this agreement, any statutorily-mandated provisions contained herein shall control.**
- n. The Contractor shall not assign or subcontract in whole or in part this Contract or in any way transfer any interest in this Contract without the prior express written approval of the Town.
- o. The Contractor shall not assign any money due or to become due to the Contractor unless the Town of Natick shall have received prior written notice of such assignment. No such assignment shall relieve the Contractor of its obligations under this Contract.
- p. This Contract may be amended only by written consent of the parties.
- q. This Contract constitutes the entire agreement of the parties and any other agreement, written or oral, that may exist is excluded from this Contract.

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When executed, this Contract supersedes any other agreement of any of the parties in connection with the transaction contemplated.

- r. The parties agree that the traditional canon of contract interpretation, resolving ambiguities against the drafter of the particular instrument, shall not be employed in construing provisions of the Contract
- s. If any provision, or portion thereof, of this Contract shall be adjudged to be invalid or unenforceable by final judgment or order of a court of competent jurisdiction the remaining provisions shall continue in effect to the extent permitted by law.
- t. The provisions of this Contract shall be binding upon and shall inure to the benefit of the heirs, assigns and successors in interest of the parties.
- u. This Contract shall be governed by and construed in accordance with the laws of the Commonwealth of Massachusetts, regardless of choice of law issues or principles.
- v. This Contract is executed in triplicate as a sealed instrument.

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The Town of Natick, Massachusetts

P.J. Keating Co.

by: the Natick Board of Selectmen

by:

\_\_\_\_\_  
Michael J. Hickey, Jr., Chair

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Susan G. Salamoff, Vice Chair

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Jonathan H. Freedman, Clerk

\_\_\_\_\_  
Printed Title

\_\_\_\_\_  
Karen Adelman-Foster, Member

\_\_\_\_\_  
Richard P. Jennett, Jr., Member

Dated: \_\_\_\_\_

APPROVED AS TO AVAILABILITY OF APPROPRIATION:

In accordance with the requirements of M.G.L. Chapter 44, Section 31 C, this is to certify that an appropriation in the amount of this Contract is available therefor, and that the Natick Board of Selectmen is authorized to execute this Contract and to approve all requisitions and execute change orders.

\_\_\_\_\_  
Arti P. Mehta

Comptroller, Town of Natick

Dated: \_\_\_\_\_

APPROVED AS TO FORM ONLY (AND NOT AS TO SUBSTANCE):

Dated:

Karis L. North, Esq.

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**CERTIFICATE OF VOTE**

I, \_\_\_\_\_, hereby certify  
(Clerk/Secretary)

that I am the duly qualified and acting \_\_\_\_\_ of  
(Title)  
(Corporation Name)

and I further certify that at a meeting of the Directors of said Corporation duly called and held on \_\_\_\_\_ 20\_\_\_\_, at which meeting all Directors were present and voting, the following vote was unanimously passed:

VOTED: To authorize and empower either

\_\_\_\_\_, \_\_\_\_\_;  
(Name) (Title)

\_\_\_\_\_, \_\_\_\_\_; or  
(Name) (Title)

\_\_\_\_\_,  
(Name) (Title),

any one acting singly, to execute all contracts and bonds on behalf of the Corporation.

I, further certify that the above vote is still in effect on this the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ and has not been changed or modified in any respect.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Title

The certification contained here above shall be executed by CONTRACTOR or copy of current "certification of authority to sign for the Corporation" shall be attached.)

# THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

## Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we P. J. KEATING COMPANY

as Principal, hereinafter called the Principal, and LIBERTY MUTUAL INSURANCE COMPANY

a corporation duly organized under the laws of the State of MASSACHUSETTS

as Surety, hereinafter called the Surety, are held and firmly bound unto TOWN OF NATICK

as Oblige, hereinafter called the Oblige, in the sum of FIVE PERCENT OF BID AMOUNT

Dollars (\$5%),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for SERVICES RELATED TO THE FURNISHING OF ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS - 2020

NOW, THEREFORE, if the Oblige shall accept the bid of the Principal and the Principal shall enter into a Contract with the Oblige in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Oblige the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Oblige may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 11th day of MARCH, 2020.

Britany Woodhouse  
(Witness)

[Signature]  
(Witness)

P. J. KEATING COMPANY  
(Principal)

(Seal)

[Signature]  
Andy Brewer (Title) ASst. Secretary

LIBERTY MUTUAL INSURANCE COMPANY  
(Surety)

(Seal)

[Signature]  
SHAUNA LOWE (Title) Attorney-In-Fact

**THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.**  
This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 8133189

Liberty Mutual Insurance Company  
The Ohio Casualty Insurance Company  
West American Insurance Company

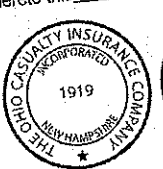
## POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Kimberly Kulig; Shauna Lowe; Diana Payne; Ann Rix

all of the city of Lunenburg, state of MA, each individually if there be more than one named; its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all bid bonds on behalf of P. J. Keating Company

and the execution of such bid bonds, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 20th day of June, 2018.



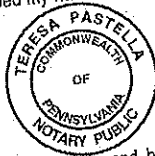
The Ohio Casualty Insurance Company  
Liberty Mutual Insurance Company  
West American Insurance Company

By: David M. Carey  
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA  
COUNTY OF MONTGOMERY

On this 20th day of June, 2018, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Teresa Pastella, Notary Public  
Upper Merion Twp., Montgomery County  
My Commission Expires March 28, 2021  
Member, Pennsylvania Association of Notaries

By: Teresa Pastella  
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

**ARTICLE IV - OFFICERS** - Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

**ARTICLE XIII - Execution of Contracts** - SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When executed such instruments shall be as binding as if signed by the president and attested by the secretary.

**Certificate of Designation** - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorney-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other obligations.

**Authorization** - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company, hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 11 day of March, 2020.

By: Renee C. Llewellyn  
Renee C. Llewellyn, Assistant Secretary





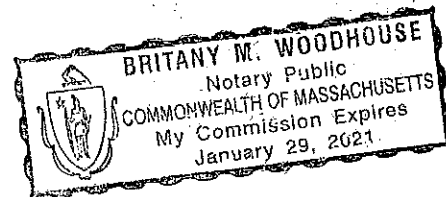
# SURETY ACKNOWLEDGMENT

STATE OF MASSACHUSETTS  
COUNTY OF WORCESTER

} SS

On this 11<sup>th</sup> day of March, 2020, before me personally came SHAUNA LOWE to me known, who, being by me duly sworn, did depose and say that she is an Attorney-In-Fact of LIBERTY MUTUAL INSURANCE COMPANY the corporation described in and which executed the within instrument; that she knows the corporate seal of said corporation, that the seal affixed to the within instrument is such corporate seal, and that she signed the said instrument and affixed the said seal as Attorney-In-Fact of the Board of Directors of said corporation and by authority of this office under the Standing Resolutions thereof.

*Britany M. Woodhouse*  
Notary Public



**Town of Natick  
Natick, Massachusetts**

**INVITATION FOR BIDS**

**FOR**

**SERVICES RELATED TO  
THE FURNISHING OF ROADWAY IMPROVEMENTS  
AT VARIOUS LOCATIONS - 2020**

**February 6, 2020**

**BIDS DUE:**

**March 5, 2020, 11:00 A.M. LOCAL TIME**  
Late Bids Will Be Rejected

**DELIVER COMPLETED BIDS TO:**

Town of Natick  
c/o Bryan LeBlanc  
Procurement Director  
Department of Public Works  
75 West Street  
Natick, MA 01760  
Phone: 508-647-6438

**TOWN OF NATICK  
NATICK, MASSACHUSETTS 01760**

**NOTICE TO BIDDERS**

The Town of Natick, Natick Town Hall, 13 East Central Street, Natick, MA 01760 ("the Town"), acting through the Natick Board of Selectmen, invites the submission of sealed bids for **Services Related to The Furnishing of Roadway Improvements at Various Locations - 2020**. Prospective Bidders shall be prequalified in accordance with 720 CMR 5.00, "Prequalification of Contractors". Bids received, which are not on the official or waiver contractor lists issued by the Commonwealth of Massachusetts Department of Transportation (MassDOT) Prequalification Office, will be considered not qualified. The Invitation for Bids ("IFB") may be obtained from the Town of Natick, Department of Public Works, 75 West Street, Natick, MA 01760, by emailing [bleblanc@natickma.org](mailto:bleblanc@natickma.org) between 7:30 A.M. and 4:00 P.M. local time, Monday through Thursday, and between 7:30 A.M. and 12:00 P.M. on Fridays, beginning at 7:30 A.M., on Wednesday, February 12, 2020. Sealed Bids will be received until **11:00 A.M., local time, March 5, 2020**, at the Department of Public Works, 75 West Street, at which time and place all bids will be publicly opened and read. All Bids shall comply with the IFB issued by the Town of Natick, including, without limitation, Section 1, Instructions to Bidders, and Bid Submission Requirements. The Town reserves the right to waive any informality in or to reject any, any part of, or all Bids in the best interest of the Town. Any Bid submitted will be binding for thirty (30) days subsequent to the time of bid opening.

This contract contains price adjustments for bituminous concrete mixtures, diesel fuel, and gasoline. The base price for liquid asphalt on this project is \$535.00 per ton (Jan. 2020). The base price for diesel fuel is \$2.451 per gallon and for gasoline is \$2.063 per gallon. (Dec. 2019). Award subject to appropriation and vote of the Natick Board of Selectmen.

## **Section 1. Instructions to Bidders and Bid Submission Requirements**

In accordance with the provisions of Chapter 30, Section 39M of the Massachusetts General Laws (M.G.L. c. 30, §39M), the Town of Natick, Massachusetts, Natick Town Hall, 13 East Central Street, Natick, MA 01760, acting through the Natick Board of Selectmen (hereinafter "the Town of Natick" or "the Town"), invites sealed Bids for the provision of services related to the furnishing of Roadway Improvements at Various Locations - 2020.

Prospective Bidders shall be prequalified in accordance with 720 CMR 5.00, "Prequalification of Contractors". Bids received, which are not on the official or waiver contractor lists issued by the Commonwealth of Massachusetts Department of Transportation (MassDOT) Prequalification Office, will be considered not qualified.

Copies of this IFB may be obtained from the Department of Public Works, 75 West Street, Natick, MA 01760, between 7:30 A.M. and 4:00 P.M. local time, Monday through Thursday, and between 7:30 A.M. and 12:00 P.M. on Fridays, beginning at 7:30 A.M., on Wednesday February 12, 2020.

No formal Pre-Bid Conference will be held.

Questions regarding this IFB shall be submitted in writing and shall be delivered to the Department of Public Works by the close of business 4:00 P.M. Wednesday on February 26, 2020. Questions presented after this time shall not be considered. No question shall be considered which is not submitted in writing. Any questions requiring consideration shall be answered in an addendum delivered to all registered Bidders.

Sealed Bids marked "Town of Natick: Sealed Bid for Services Related to the Furnishing of Roadway Improvements at Various Locations - 2020" shall be received by 11:00 A.M. local time, March 5, 2020, at this address:

Town of Natick  
Department of Public Works  
75 West Street  
Natick, MA 01760.

Each Bidder's name, address and contact phone number shall be clearly visible from the outside of each sealed envelope. The clock in the Administration Office at the Department of Public Works shall be considered official. No late Bids shall be accepted. No faxed Bids shall be accepted. Conditional Bids will not be accepted.

Each Bid shall be submitted in accordance with the Bid Submission Requirements in order to be considered for award. Any Bid submitted shall be binding for thirty (30) days subsequent to the time of the opening of Bids. Each Bidder's name, address and contact phone number shall be clearly visible from the outside of each sealed envelope.

Each Bid shall be accompanied by a Bid Deposit in the form of a Bid bond, or cash, or a certified check on, or a treasurer's or cashier's check issued by, a responsible bank or trust company, payable to the Town of Natick, MA. The amount of such Bid Deposit shall be five (5%) percent of the value of the Bid.

The Bid Deposits of the three (3) lowest responsible and eligible Bidders will be returned upon the execution and delivery of a Contract or, if no award is made, upon the expiration of the time prescribed herein for making an award; except that, if any Bidder fails to perform his/her/its agreement to execute a Contract and furnish a Performance Bond and a Labor and Materials Payment Bond if required, his/her/its Bid Deposit shall become and be the property of the Town, as liquidated damages; provided that the amount of the Bid Deposit which becomes the property of the Town will not, in any event, exceed the difference between his/her/its Bid price and the Bid price of the next lowest responsible and eligible Bidder; and provided further that, in case of death, disability, bona fide clerical or mechanical error of a substantial nature, or other similar unforeseen circumstances affecting a Bidder, his/her/its Bid Deposit will be returned to him/her/it. The Bid Deposits of Bidders other than the three (3) lowest responsible and eligible Bidders will be returned following award of the Contract by the Town.

The Town of Natick **will not** reimburse Bidders for any costs incurred in preparing Bids in response to this IFB.

Submission of a Bid shall be conclusive evidence that the Bidder has examined this IFB and is familiar with all the conditions of the Contract. Upon finding any omissions or discrepancy in this IFB, each Bidder shall notify the Town immediately so that any necessary addenda may be issued. Failure of a Bidder to investigate completely this IFB and/or to be thoroughly familiar with this IFB shall in no way relieve any such Bidder from any obligation with respect to the Bid.

By submission of a Bid, the Bidder agrees that if his/her/its Bid is accepted, then it shall enter into a Contract with the Town of Natick which incorporates all of the requirements of this IFB. By submission of a Bid, the Bidder further indicates acceptance of all terms and conditions of this IFB.

Changes, modifications or withdrawal of Bids shall be submitted in writing to the Department of Public Works prior to the deadline and shall be contained in a sealed envelope clearly marked, as appropriate, "CORRECTION, MODIFICATION OR WITHDRAWAL OF SEALED BID FOR SERVICES RELATED TO THE FURNISHING OF ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS - 2020". No corrections, modifications, or withdrawal of Bids shall be permitted after Bids have been opened.

M.G.L. c. 30, §39M, which is incorporated herein by reference, shall govern all procedures.

Prevailing wage rates as determined by the Commissioner of the Massachusetts Department of Labor and Workforce Development under the provisions of the Massachusetts General Laws, Chapter 149, Sections 26 to 27G, as amended, apply to this work. It is the responsibility of the Bidder, before Bid submission, to request, if necessary, any additional

information on Minimum Wage Rates for those trades' people who may be employed for the proposed work under any such Contract awarded.

For further information, please refer to the succeeding sections, with which each Bidder shall comply in submitting a Bid.

## **Section 2. Pre-Bid Conference/Questions**

No formal Pre-Bid Conference will be held.

Questions, if any, concerning this IFB or its conditions shall be addressed to:

Bryan LeBlanc  
Procurement Officer  
Department of Public Works  
75 West Street  
Natick, MA 01760.

Questions regarding this IFB shall be submitted in writing and shall be delivered by the close of business by 4:00P.M., local time, Wednesday on February 26, 2020. Questions may also be submitted to the attention of Bryan LeBlanc at the following email address:  
or at the following fax number: 508-647-6560. Questions presented after this time shall not be considered. No question shall be considered which is not submitted in writing. Any questions requiring consideration shall be answered in an addendum delivered to all Bidders.

## **Section 3. Background & Specifications**

### **A. Locations of Road Improvements in the Work**

The work included is for the following listed streets. The Town Engineer shall be contacted for specific work item locations. At the discretion of the Town of Natick, other streets and/or areas of work may be added to this list.

#### **Possum Hollow Lane**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Possum Hollow Lane" Sheet 1.

#### **Purington Avenue**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Purington Avenue." Sheets 2 - 4.

#### **Rabbit Run Road**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Rabbit Run Road" Sheet 5.

**Ridge Avenue**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Ridge Avenue"  
Sheets 6 & 7.

**Laurie Lane**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Laurie Lane"  
Sheet 8.

**Liberty Street**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Liberty Street"  
Sheets 9 - 12.

**Mark Street**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Mark Street"  
Sheets 13 - 15.

**Buckskin Lane**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Buckskin Lane"  
Sheets 16 & 17.

**Clearview Drive**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Clearview  
Drive." Sheets 18 -20 .

**Juniper Lane**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Juniper Lane"  
Sheet 21.

**Sundance Way**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Sundance Way"  
Sheets 22 & 23.

**Clover Lane**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Clover Lane"  
Sheets 24 & 25.

**Clover Terrace**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Clover Terrace"  
Sheets 26 & 27.

**Morningside Avenue**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Morningside  
Avenue" Sheets 28 - 31.

**Woodleigh Road**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Woodleigh Road" Sheets 32 & 33.

**Deepwoods Drive**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Deepwoods Drive" Sheets 34 & 35.

**Eliot Hill Road**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Eliot Hill Road" Sheets 36 - 44.

**Merifield Lane**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Merifield Lane" Sheets 45 & 46.

**Woodcock Path**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Woodcock Path" Sheet 47.

**Grist Mill Lane**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Grist Mill Lane" Sheets 48 & 49.

**Chalcom Circle**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Woodcock Path" Sheet 50.

**Bennett -Hemenway School Parking Area**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Ben-Hem School Parking Area" sheet 56.

**High School Field Parking Lot**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, High School Parking Area" sheet 52.

**Adams Street**  
See attached plan entitled "Roadway Improvements at Various Locations -2020, Adams Street " sheet 53.



**B. Performance Standards Applicable to the Work**

All materials and methods of construction shall conform to the requirements of the latest edition of "Commonwealth of Massachusetts, Highway Department Standard Specifications for Highways and Bridges", (hereinafter referred to as "M.H.D. Specifications") and these specifications.

Where there is a conflict between these technical specifications and the M.H.D. Specifications, the M.H.D. Specifications shall prevail.

**THE BELOW BID ITEM DESCRIPTION REFERS TO EACH ITEM LISTED IN THE BID FORM ATTACHED HERETO IN APPENDIX 1.**

**Item No. 1A through Item No. 1E**

The work under these items shall conform to the relevant provisions of Section 460 and Section 701 of the Commonwealth of Massachusetts, Department of Public Works, and Standard Specifications for Highways and Bridges.

The unit price for items 1A through 1E shall constitute full compensation for all materials, labor, and equipment required to place pavements, as specified, or as directed by the Natick Town Engineer ("the Town Engineer"). The unit price for item 1B and 1C shall also include the application of a tack coat, as specified, or as directed by the Town Engineer. The unit price for item 1D shall include all costs for cleaning the existing bituminous concrete surfaces and for adjusting existing water service boxes to the final grade for new sidewalks and driveway aprons, and those that are receiving overlays. The unit price for item 1E shall include only full compensation for the placement of a single compacted layer of 2.5 inches of bituminous pavement. All costs associated with the excavation of the trench shall be paid under Bid Item 9C.

**Item No. 2A**

The work under this item shall conform to the relevant provisions of Section 403 of the Commonwealth of Massachusetts, Department of Public Works, and Standard Specifications for Highways and Bridges.

The CONTRACTOR shall furnish all labor, materials, and equipment necessary for the preparation of a stabilized base course. The work shall consist of scarifying and pulverizing the in-place asphalt pavement and underlying material to a depth of 12 inches, mixing and/or blending the material and spreading and compacting the resultant mixture to the lines and grades established by the Engineer. The CONTRACTOR shall be responsible for removing and disposing of extra material.

**Item 2B**

The work under this item shall conform to the relevant provisions of Section 403 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges.

The CONTRACTOR shall furnish all labor, materials, and equipment necessary for the preparation of a stabilized base course. The work shall consist of scarifying and pulverizing the in-place asphalt pavement and underlying material to a depth of 12 inches, mixing and/or blending the material and spreading and compacting the resultant mixture to the lines and grades established by the Engineer. The CONTRACTOR

shall include in the unit bid price all costs associated with removal and disposal of all excess pulverized materials.

**Item No. 3**

The work under this item shall conform to the specifications entitled, "Stone Seal (Treated) Specifications".

The Successful Bidder shall furnish all labor, materials, and equipment necessary to for the placement of liquid asphalt and stone on properly prepared streets as specified or directed by the Town Engineer.

**Item No. 4A through Item No. 4C**

The work under these items shall conform to the relevant provisions of Section 500, and Section 580 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges.

The unit price for items 4A and 4B shall constitute full compensation for all materials, labor, and equipment required to place Type VA4 Straight, and Type VA4 Curved granite curbing respectively, as specified or as directed by the Town Engineer. The length and radius of all curved granite curbing to be installed shall be as indicated on the attached plans. The unit price for item 4C shall constitute full compensation for all labor, materials, and equipment to remove and reset existing granite curbing to new lines and grades as directed by the Town Engineer.

**Item No. 5**

The work under this item shall conform to the relevant provisions of Section 500 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges.

The unit price for this item shall constitute full compensation for all materials, labor, and equipment required to place a modified bituminous concrete Cape Cod berm, and Type-2 bituminous concrete berm as shown on the plans. The modified Cape Cod berm shall be as shown on the attached detail sheet named "Modified Cape Cod Berm".

**Item No. 6A through Item No. 6C**

The work under these items shall conform to the relevant provisions of Section 701 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges.

The unit price for these items shall constitute full compensation for all materials, labor, and equipment necessary to place cement concrete sidewalks; cement concrete wheelchair ramps; cement concrete driveway aprons; and cast in-place tactile warning panels, as specified or as directed by the Town Engineer. Also, the unit price for these items shall include all costs for adjusting existing water service boxes to the final grade for new sidewalks and driveway aprons.

Cement concrete wheelchair ramps shall be constructed at locations as directed by the Town Engineer, and shall conform to the current requirements of Section 4.29.2 of the American with Disabilities Act

Standards for Accessible Design. All costs associated with the construction of all wheelchair ramps shall be included the unit price for Item 6A.

Item 6C shall constitute full compensation for all material, labor, and equipment necessary to cast in-place composite tactile warning panels in locations as directed by the Town Engineer. The tactile warning panels shall be 2 feet by 4 feet in size. The panels shall be the cast-in-place composite panel system as manufactured by ADA Solutions, Inc., or an approved equal. The panels shall be Federal Color No. 33538 (Federal Yellow). The panels shall be installed in accordance with the manufacture's recommendations.

**Item No. 7A through Item No. 7D**

The work under these items shall conform to the relevant provisions of Section 220 of the Commonwealth of Massachusetts, Department of Public Works, and Standard Specifications for Highways and Bridges. The Successful Bidder shall be responsible to coordinate the adjustment of electrical and gas company castings with the appropriate utility company. No additional compensation will be made for the adjustment of electrical and gas company castings.

**Item No. 8**

The work under this item shall conform to the relevant provisions of Section 402 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges. Processed gravel for sub-base will be paid for at specified contract unit price, and shall include all labor, materials, equipment, and incidental work required to place, fine grade, and compact the gravel to the lines and grades established by the Town Engineer.

**Item No. 9A through No. 9C**

The work under these items shall conform to the relevant provisions of Section 120 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges.

The work under these items shall include all labor, materials, equipment, and incidental costs required for the excavation, disposal or compaction of all materials not being removed under other items of any contract awarded pursuant to this IFB. The unit price of item 9C shall include all labor, materials, equipment, and incidental costs required for cutting, excavating, and disposal of all existing pavement material, as directed by the Town Engineer, in preparation in the placement of trench patch materials.

**Item No. 10**

The Successful Bidder will be paid any specified contract unit price for all loam borders, complete in-place, as specified or as directed by the Town Engineer. This work shall conform to the specifications entitled "Loam & Seed Borders".

**Item No. 11**

The work under this item shall conform to the relevant provisions of Section 440 of the Commonwealth of Massachusetts, Department of Public Works, and Standard Specifications for Highways and Bridges. The unit price for this item shall constitute full compensation for all materials, labor, and equipment required to furnish and place calcium chloride for roadway dust control as specified or as directed by the Town Engineer.

**Item No. 12**

The price for Police Details established for this bid item is an estimated hourly figures times a fixed hourly cost to facilitate comparison of bids. The Contractor shall be reimbursed for the actual cost of services of uniformed officers rendered in connection with traffic control, when traffic control services are mandated by the Town of Natick. The work of this section shall be measured per hour of police officer detail work. Costs associated with overtime pay for police details when used for the Contractor's convenience or due to Contractor negligence shall be paid by the Contractor with no reimbursement from the Town. The Contractor **shall not** reimburse any town or police department for administration, processing or similar fees invoiced to the Contractor. Any fees as previously described paid by the Contractor will not be reimbursed by the Town of Natick. All reimbursement shall be made through payment requests and shall be accompanied by proof of payment by the Contractor.

There shall be no additional cost to the Town if the Contractor works more than 8 hours per day. The Contractor will only be reimbursed for Police Details up to 8 hours per day, per detail officer. It is the Contractor's responsibility to ensure all work requiring police details is complete within the 8 hour police detail shift. The Contractor will not be reimbursed for overtime charged by the police details unless approved by the Town.

**Item No. 13 and 14**

The work for this item shall conform to the relevant provisions of Section 860 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges, and the following: The white 12" wide crosswalk and stop lines shall be installed in the location shown on the plans. The stop line shall be parallel to the crosswalk line.

All edge lines and centerline makings shall be 4" wide (minimum).

The unit price for this item shall constitute full compensation for all materials, labor and equipment required to furnish and place roadway traffic markings as specified .

**Item No. 15**

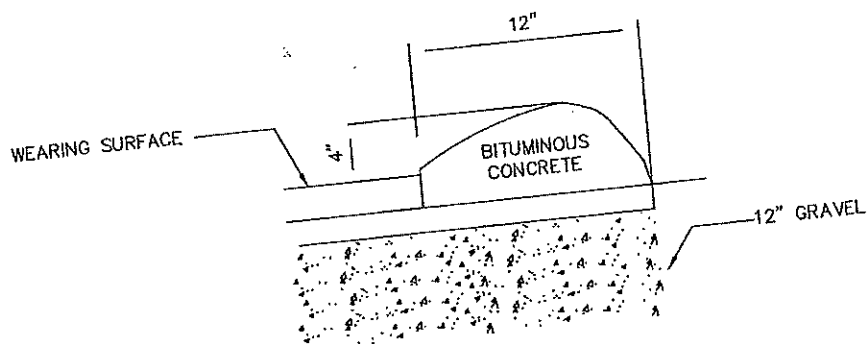
The work for this item shall conform to the relevant provisions of Section 850 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges, NCHRP 350 and the MUTCD (most current edition) for streets and highways, Traffic Controls for Construction

**Item No. 16**

The work under this item shall conform to the relevant provisions of Section 201 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges. The unit price for this item shall constitute full compensation for all materials, labor, and equipment required to furnish and install the 30" diameter manhole based on "Shea Concrete Products or approved equal. 30" diameter basin shall be placed on minimum 6" bed of  $\frac{3}{4}$ " washed stone set to true grade.

**Item No. 17A & B**

The work under this item shall conform to the relevant provisions of subsection 221 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges. The unit price for this item shall constitute full compensation for all materials, labor and equipment required to replace inadequate/broken castings as directed on the plans.



# MODIFIED CAPE COD BERM DETAIL (NO SCALE)

**TOWN OF NATICK, MASSACHUSETTS**  
DEPARTMENT OF PUBLIC WORKS — ENGINEERING DIVISION  
75 WEST STREET · NATICK, MA 01760

Date Last Updated:  
02/01/2011

Detail Number:  
R-1.3

Detail Name:  
Bituminous Berm

## Stone Seal (Treated) Specifications

### SCOPE OF WORK

Work under this contract shall consist of the Contractor furnishing and applying liquid asphalt and treated stone on properly prepared bituminous streets in the town of Natick in accordance with the detailed requirements set forth below. Bid quantities are approximate only; payment shall be for actual quantities applied to streets. Streets to be stone sealed shall be as listed in the contract documents or as selected by the Town Engineer.

### DETAILED REQUIREMENTS

#### Materials

#### a. Liquid Asphalt

Liquid asphalt grades shall be: CRS-2 (3% Latex), CMS-2 (3% Latex), RS-2 (3% Latex), HFMS (3% Latex) or MC-3000 conforming to AASHTO specifications M208, M140 or M82.

#### b. Latex Additive

The latex additive shall be Ultrapave 70 (Anionic) or Ultrapave 1156 (Cationic) or equivalent conforming to the following specifications. It is required that the latex be co-milled at the bulk emulsion facility, to ensure complete and balanced blending. The emulsion manufacturing plant must be open to inspection by the awarding authority.

	Anionic	Cationic
Monomer Ratio (Butadiene/Styrene)	(76 +/- 2/ 24 +/- 2)	(76 +/- 2/ 24 +/- 2)
Solids, min %	67	59
Solids, min lbs/gal	5.2	4.8
Coagulum	0.1%	0.1%
pH of Latex	9.5-10.5	4.0-5.5
Brookfield Visc. (Model RVT, #3 Spindle @ 20 RPM)	800-2000	5000 max
Mechanical Stability	Excellent	Excellent

#### c. Treated Stone

Stone shall be crushed quarry stone, free from dust, soft stone or other contaminants, with a minimum of 70% of the stones having a fractured face. All stone shall satisfy a 35% maximum for the L.A. Abrasion Test and a 35% maximum for the Flakiness Index Test. Stone shall be treated prior to application with Liquid Asphalt Material at the rate of 0.2% to 0.5% residual asphalt to ensure uniform treatment of all stones. Proper pre-treatment shall be obtained by a twin shafted Pugmill with a Digital Readout Belt Scale.

Required Stone Gradation	
9.5 mm (3/8" Stone)	
Sieve Size	% Passing
12.5 mm (1/2")	100
9.5 mm (3/8")	85-100
6.3 mm (1/4")	10-60
4.75 mm (#4)	0-25
2.36 mm (#8)	0-5

Maximum passing 0.075 mm (#200) sieve shall not exceed 2.0%, wet washed, for all sized aggregates used in surface treatments.

### **Material Quantities**

The quantity of asphalt material to be used shall be in the range of 1.6 to 2.3 liters per square meter (0.35 to 0.50 gallons per square yard), or the quantity of MC-3000 to be used shall be in the range of 1.1 to 1.6 liters per square meter (0.25 to 0.35 gallons per square yard). Cover aggregate shall be spread in the range of 11 to 16 kilograms per square meter (20 to 30 pounds per square yard). The Contractor will use lab tests to design specific material quantities to meet existing field conditions. Variations in material quantities will be made without adjustment to contract unit price. The Contractor must maintain a laboratory open to the inspection of the awarding agency.

### **Equipment**

The equipment used by the Contractor shall include, but not be limited to, one or more of the following:

#### **a. Asphalt Distributor**

The asphalt distributor shall contain suitable mechanical circulating and heating mechanisms to provide a uniform approved temperature of the entire mass of material. The distributor shall be equipped with a radar type sensor used to measure ground speed and feed a Digital Volumetric Accumulator capable of measuring liters applied and distance traveled. It shall be capable of applying asphalt material in accurately measured quantities at any rate between 0.5 to 9.1 liters per square meter (0.1 to 2.0 gallons per square yard), of roadway surface, at any length of spray bar up to 4.9 meters (16 feet). The distributor shall be capable of maintaining a uniform rate of distribution of asphalt material regardless of change in grade, width or direction of the road. It shall be equipped with an electronic control for setting asphalt pump discharge rate and on/off switching of spray for nozzles in .3 meter (one foot) increments which shall be located in the truck cab. The spray nozzles and pressure system shall provide a sufficient and uniform fan-shaped spray of asphalt material throughout the entire length of the spray bar at all times while operating. The spray shall completely cover the roadway surface receiving the treatment.

#### **b. Asphalt Spreader**

The aggregate spreader shall be hydrostatically driven and self-propelled. It may be equipped with a hydraulically controlled variable adjustable head that is capable of spreading stone in widths from 1.4 to 4.5 meters (4.5 to 18 feet). The spreader shall be mounted on pneumatic tires and shall apply the treated stone on the road surface in a manner that ensures that the tires do not contact the road surface until after the stone has been applied. The unit shall be equipped with an electronic radar type sensor used to measure ground speed and will automatically adjust the stone application rate depending on width of application and the speed of chip spreader. It shall have the ability to apply stone on any grade from 0-6%. The spreader shall be equipped with an integral hopper with a minimum capacity of 4.5 metric tons (5 tons) of treated stone which shall be filled by trucks in a manner which ensures that the truck tires never come in contact with asphalt-treated road surfaces until the stone has been properly applied. To maintain constant stone application, a self locking truck hitch will permit towing of aggregate trucks without stopping the chip spreader. It will be capable of maintaining positive engagement over



c. Rollers

At least one rubber tired and one steel wheeled roller shall be used on each treated surface immediately after the stone has been applied. Each roller shall have a compacting width of not less than 1.5 meters (5 feet). Each roller shall have a gross weight of not less than 7.2 metric tons (8 tons), and contact pressure adjustable from 1,400 to 2,000 kPa (200 to 300 psi).

d. Trucks

Rear discharge conveyor-fed trucks in sufficient number and size may be used to deliver treated stone to the spreader.

**Construction Methods**

a. Streets to be Treated

Work under this contract shall consist of the Contractor furnishing and applying liquid asphalt and treated stone on properly prepared bituminous streets in the Town of Natick in accordance with the contract specifications. Bid quantities are approximate only; payment shall be for actual quantities applied to streets. Streets to be stone sealed shall be as listed in the contract documents or as selected by the Town Engineer.

b. Surface Preparation

Surface preparation, which may include pothole patching, truing and leveling, adjusting of street irons (Valve covers, manhole covers, drop inlet gratings, etc) will be the responsibility of the contractor with payment made under separate bid items.

Immediately prior to the application of asphalt materials, Highway Department personnel shall remove small branches and other debris, and use a mechanical street sweeper to clean any loose material from the pavement surface.

The Contractor shall protect manhole covers, drop inlets, catch basins, curbs and any other structures within the shoulder areas against the application of the surface treatment materials.

c. Weather Limitations

Work will not be done unless the road surface is dry. No work shall be done during rain or foggy periods. No work shall be done if the ambient temperature is below 10° C (50° F).

d. Spreading Asphalt and Treated Stones

Prior to application of asphalt material on any street, sufficient quantities of materials to cover the entire street at the specified rates shall be on the site and ready for application. The awarding authority shall be responsible for providing the Contractor with an aggregate storage area near the job site. The asphalt material shall not be applied more than 90 meters (300 feet) in advance of the self propelled aggregate spreader. AT NO TIME SHALL ANY ASPHALT MATERIAL BE ON ANY ROAD SURFACE FOR MORE THAN FIFTEEN MINUTES BEFORE IT IS COVERED WITH TREATED STONE.

e. Rolling

Initial rolling shall be done immediately following the application of treated stone. Rollers shall be operated at a speed that will not displace aggregate.

f. Traffic Control

Traffic control is the sole responsibility of the awarding authority. Unless otherwise specified, the roadway shall be kept open to traffic at all times, with traffic discontinued on the lane being surface treated. Controlled traffic may be permitted as soon as the final layer is applied and rolled. A recommended maximum speed of 30 km/h (20 mph) should be maintained for a period of two (2) hours.

g. Surplus Aggregate

Surplus aggregate shall be swept off of the road surfaces by the Highway Department, and shall be the property of the awarding authority. Sweeping will be done after stone seal has properly cured, and care will be taken not to dislodge imbedded aggregate or damage the surface.

### **Loam and Seed Borders**

#### **SCOPE OF WORK**

Loam Borders shall be built or rebuilt between the inside edge of the curbing and the edge of the sidewalk in locations designated by the Engineer. The depth of the loam shall be six inches measured in its finished state. The finished grade of the loam border shall be such that the edges of the loam border and the sidewalk shall meet flush and at the same grade. The same shall apply on the inside edge of the curb. Lawns adjacent to the walk being built that do not meet the proposed line or grade shall be regraded to meet the proposed line and grade.

#### **MATERIALS**

Loam shall be clear, rich, dark colored loam, friable, reasonably well supplied with plant food, free from excess swamp much, peat, clay, silt, stones, sods, roots, gravel, sand, subsoil or other foreign material. All loam furnished for this work shall be approved by the Engineer.

Limestone shall be ground limestone that will pass a number 20 sieve and at least 75% will pass a number 100 sieve. Ground limestone shall have a neutralizing value satisfactory to the Engineer.

Fertilizer shall be furnished in containers plainly marked with the chemical analysis of the product and it shall have one of the following compositions by weight:

	10-6-4	8-6-4	7-7-7
	10% min	8% min	7% min
Nitrogen	6% min	6% min	7% min
Avail. Potash Acid	4% min	4% min	7% min
Water Soluble Potash			

At least 50% by weight of the nitrogen content of the fertilizer shall be derived from organic material.

Grass seed shall be of the previous year's crop and in no case shall the weed seed content exceed one percent by weight. Grass seed shall conform to the requirements of the following table:

	Proportion	Germination Min.	Purity Minimum
Creeping Red Fescue	50%	85%	95%
Kentucky Blue	25%	85%	90%
Domestic Rye	10%	90%	98%
Red Top	10%	85%	92%
Ladino Clover	5%	85%	96%

The several varieties of seed shall be furnished and delivered separately, and mixed after delivery as directed by the Engineer.

The responsibility for satisfactory results shall rest entirely with the Contractor regardless of any tentative approval given by the Engineer.

### **METHOD OF CONSTRUCTION**

The loam borders shall be excavated to subgrade six inches below and parallel to the finished grade. Loam shall then be spread on the subgrade in sufficient quantities to produce without rolling and after material settlement has taken place a depth of four inches. On this layer of loam, ground limestone shall be spread at the rate of one half pound per square yard and thoroughly incorporated into the loam for the total depth by harrowing or spading and raking. The surface shall be brought smoothly to a grade parallel to the finished grade.

The second layer of loam shall then be spread in sufficient quantities to produce after final rolling the required finished depth. At least five days shall elapse after the application of the ground limestone and then fertilizer shall be spread on the top layer of loam at the rate of two tenths of a pound per square yard. The full depth of the loam shall then be spades, harrowed and graded to the finished grade.

After the grass plots have been prepared as described above, grass seed shall be carefully and appropriately sown at the rate of three and six tenths pounds to each one hundred square yards. The surface shall then be raked until the grass seed is thoroughly covered with a thin layer of loam. Finally the surface shall be rolled with a hand roller weighing not more than one hundred pounds per foot of width.

The Contractor shall insure a good catch of grass. He or she shall reloam, regrade, and reseed any area which in its opinion of the Engineer requires such.

### **METHOD OF MEASUREMENT**

Measurements taken for payment shall be by the square yard of the finished work, complete in place.

### **BASIS OF PAYMENT**

The Contractor will be paid the contract unit price per square yard for all loam borders, complete in place, which unit price shall include full compensation for all labor, materials, tools and equipment and all incidentals necessary to complete the work under this item, as directed by the Engineer and as specified herein.

**C. Notice to Owners of Utilities**

Written notice shall be given by the Successful Bidder to all public service corporations or municipal and State officials owning or having charge of publicly or privately owned utilities of his/her/its intention to commence operations affecting such utilities at least one week in advance of the commencement of such operations. The Successful Bidder shall, at the same time, file a copy of such notice with the Town Engineer.

The following are the names of owners and representatives of the principal utilities affected; however, the Town of Natick does not guarantee completeness of this list:

TOWN OF NATICK, DEPARTMENT OF PUBLIC WORKS, 508-647-6551  
William McDowell, Town Engineer

Natick Police Department 508-647-9550  
Natick Fire Department 508-647-9550

Eversource Gas  
Chris Howard  
157 Cordaville Road  
Southborough, MA 01772  
508-305-6822

Eversource Electric  
Christine Cosby  
157 Cordaville Road  
Southborough, MA 01772  
508-305-6989

Verizon  
385 Myles Standish Blvd.  
Taunton, MA 02780  
Karen Nunes, 508-828-6437

COMCAST  
330 Billerica Road  
Chelmsford, MA 01824  
Pam Letizi, 603-695-1412

The Successful Bidder shall make his/her/its own investigation to assure that no damage to existing structures, drainage lines, traffic signal conduits, and other utilities will occur as result of his/her/its operations.

The Successful Bidder shall notify "MASS DIG SAFE" and procure a DIG SAFE NUMBER of each location prior to disturbing ground in any way.

"DIG SAFE" CALL CENTER - TELEPHONE NUMBER 1-888-344-7233

**D. Protection of Utilities and Property**

The Successful Bidder, in constructing or installing facilities alongside or near storm drains, gas pipes, electric or telephone conduits, poles, sidewalks, walls, vaults or other structures, shall, at his/her/its expense, sustain them securely in place, cooperating with the officers and agents of the various utility companies and municipal departments which control them, so that the services of these structures shall be maintained. The Successful Bidder shall also be responsible for the repair or replacement, at his own expense, of any damage to such structures caused by his/her/its acts or elect, and shall leave them in the same condition as they existed prior to commencement of the work. In case of damage to utilities, the Successful Bidder shall promptly notify the utility owner and shall, if requested by the Town Engineer, furnish labor and equipment to work temporarily under the owner's direction in providing access to the utility. Pipes or other structures damaged by the operation of the Successful Bidder may be repaired by the Town or by the utility owner who suffers the loss. The cost of such repair shall be borne by the Successful Bidder, without compensation therefor.

If, as the work progresses, it is found that any of the utility structures are so placed as to render it impracticable, in the judgment of Town, to do the work called for under any contract awarded pursuant to this IFB, the Successful Bidder shall protect and maintain the services such utilities and structures and the Town will, as soon thereafter as reasonable, cause the position of the utilities to be changed or take such other actions deemed suitable and proper. If live service connections are to be interrupted by excavations of any kind, the Successful Bidder shall not break the service until new services are provided. Abandoned services shall be plugged off or otherwise made secure.

**E. Provisions for Travel and Prosecution of the Work**

The work shall be accomplished in a manner, which safely maintains traffic on all project roadways.

The Successful Bidder shall perform the work in cooperation with the various agencies in a manner which causes the least interference with the operations of the aforementioned agencies and shall have no claim for delay which may be due, or result, from said work of these agents.

**F. Public Safety and Convenience**

The Successful Bidder shall be required, without additional compensation, to provide safe and convenient address to all abutters during the prosecution of the work. Necessary access for fire apparatus and other emergency vehicles shall be maintained at all times.

Sweeping and cleaning of surfaces beyond the limits of the project to clean up material caused by spillage or vehicular tracking during the various phases of the work shall be considered as incidental to the work being performed under any contract awarded pursuant to this IFB. There will be no additional compensation provided for cleaning such spillage/tracking.

**G. Protection and Restoration of Properties**

In areas where mature trees abut or are close to existing pavements to be excavated, or reclaimed, or trenches to be excavated for utilities, the Successful Bidder shall notify the Town of Natick Tree Warden ("the Tree Warden") prior to commencing work. The Town Engineer will arrange for the Tree Warden to inspect the trees and determine the proper methods of protection. Excavations near trees to be maintained shall be carefully done to expose the tree roots with a minimum of damage. The Successful Bidder shall prune and paint the exposed roots under the direction of the Tree Warden. If any excavation or other work is performed by the Successful Bidder prior to the Tree Warden's inspection which, in the Tree Warden's judgment, damages the tree roots, trunk or branches to the extent that the tree cannot be expected to survive, then the Successful Bidder shall remove the tree and replace it with a new tree of specie and size as directed by the Tree Warden at no additional cost to the Town.

**H. Property Bounds**

The Successful Bidder shall exercise due care when working around all property bounds, which are to remain. Should any damage to a bound result from the actions of the Successful Bidder, the bound shall be replaced and/or realigned by a registered land surveyor employed by the Successful Bidder, as directed by the Town, at no cost to the Town.

**I. Traffic Control**

A minimum of two travel lanes shall be provided during non-working hours. Traffic may be reduced to one lane for short periods of time during working hours with the approval of the Department of Public Works and the Police Department and with adequate police direction.

The work under any contract awarded pursuant to this IFB shall be performed on heavily traveled roadways. The Successful Bidder shall furnish, install, maintain and move all warning devices, barricades, signs, bridging materials, special apparatus, and other safety measures deemed necessary by the Department of Public Works and or Police Department for the protection of motorists, pedestrians, and the Successful Bidder's own personnel. All costs in connection with these measures shall be included in various payment items of any contract awarded pursuant to this IFB, and no additional compensation will be made as a result of such costs.

Particular care shall be taken to establish and maintain methods and procedures, which will not create unnecessary or unusual hazards to public safety. Traffic control and safety devices required only for working hour operations shall be removed at the end of each working day.

Signs having messages that are irrelevant to normal traffic conditions shall be removed or properly covered at the end of each work period. Signs shall be kept clean at all times and legends shall be distinctive and unmarred.

The Successful Bidder shall complete the binder course of each pavement repair on the same workday on which the repair was begun unless otherwise approved by the Town Engineer. No separate payment will be made for temporary backfilling and re excavation, but all costs in connection therewith shall be included in the unit prices bid for the respective patching items.

If, as a result of deterioration of pavement repairs, the roadways becomes hazardous, in the judgment of the Town, to vehicular or pedestrian travel, the Successful Bidder shall be notified and shall immediately reconstruct or repair the work to eliminate the hazard. If the Successful Bidder's forces are not available, the Town will perform the necessary work, and the Successful Bidder shall reimburse the Town for all cost in connection therewith.

**J. Work Done by Others**

Relocation and/or resetting to new grades of all private utilities, including utility poles, made necessary by the construction of this project, will be accomplished by the respective utility companies. The Successful Bidder shall be responsible for coordinating all utilities adjustments with each of the private utility companies and fully responsible for payment of all permit fees and construction costs associated with this work as required by the respective utility company.

**K. Disposal of Surplus Excavated Materials**

All existing and other materials not required or needed for use on the project, and not required to be removed and stacked, shall become the property of the Successful Bidder and shall be removed from the site and legally disposed of. Separate payment will not be made for this work; all cost in connection therewith shall be included in the prices bid for the appropriate contract bid item.

**L. Safety and Health Regulations**

This project is subject to the Safety and Health Regulations of the U.S. Department of Labor set forth in 29 CFR, Part 1926, and the Massachusetts Department of Labor and Industries, Division of Industrial Safety "Rules and Regulations for the Prevention of Accidents in Construction Operations (Industrial Bulletin No. 12)."

Employees performing under any contract awarded pursuant to this IFB shall have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration (OSHA) that is at least ten (10) hours in duration, at the time the employee begins work. The Successful Bidder shall furnish documentation of successful completion of said course with the first certified payroll report for

each employee; and the Successful Bidder shall comply fully with all laws and regulations applicable to awards made subject to Section 39S of Massachusetts General Law.

Quantities estimated and listed in the bid forms for the above referenced items were generated for comparison bids only and are not guaranteed by the Town. All work done and all materials supplied under this CONTRACT shall be in conformance with the Massachusetts Highway Department Standard Specifications for Highways and Bridges, dated 1988; the Supplemental Specifications, dated December 11, 2002; Standard Special Provisions dated April 21, 2005; the 1977 Construction Standards; the April 2003 Metric/English Supplemental Drawings; the 2003 Manual on Uniform Traffic Control Devices for Streets and Highways; the 1996 Construction and Traffic Standards Details; the 1968 Standard drawings for Traffic Signals and Highway Lighting, all as amended, and the specifications contained on the following pages.

**M. Successful Bidder's Personnel**

The Successful Bidder's personnel shall be adequately trained by the Successful Bidder, shall be experienced in the provision of services specified in this IFB, and shall be of good moral character. All of the Successful Bidder's employees assigned to the sites shall pass pre-employment criminal background screening.

The Successful Bidder shall provide the Town with the following information:

1. Name, business address, telephone and cell phone numbers of the president and foreman.
2. Name, address, and telephone number of all employees assigned to the sites. The Successful Bidder will update this list whenever there is a change in personnel.

The Successful Bidder shall provide services as an independent contractor with the Town of Natick and the Successful Bidder and his/her/its employees shall not be entitled to receive any benefits of employment with the Town of Natick, including without limitation salary, overtime, vacation pay, holiday pay, health insurance, life insurance, pension or deferred compensation.

**N. Environmental Conditions**

Fresh concrete shall be adequately protected from freezing, rapid hydration, heavy rains, flowing water, mechanical injury and/or vandalism. In the event of sudden rains, the Town Engineer may permit the placement of concrete already on-site or in transit, provided that the Successful Bidder has already on hand sufficient materials to properly tent or otherwise protect the work. The subgrade shall be properly protected and concrete shall not be placed in pools of water or upon frozen surfaces. Such permission, noted above, shall in no way relax the requirements for quality and appearance of the work. Delivery of concrete to the site shall be timed to allow for finishing all work during daylight hours.



**O. Traffic Police**

Under the unit price for this bid item, the Successful Bidder shall make the necessary arrangements with the Police Department to furnish uniformed police officers for the purposes of controlling and regulating traffic in the vicinity of the project. The Successful Bidder shall sign all Police detail slips. The Successful Bidder shall pay the Police Department directly prior to being reimbursed by the Town.

**P. Monthly Price Adjustments**

Any contract awarded pursuant to this IFB shall contain a price adjustment for bituminous concrete mixtures. The base price for liquid asphalt for this work is \$ 535.00 per ton

Any contract awarded pursuant to this IFB shall contain price adjustments for diesel fuel and gasoline. The base price for diesel fuel is \$2.390 per gallon and for gasoline is \$2.060 per gallon.  
(per MassDOT 12/6/2019)

**MONTHLY PRICE ADJUSTMENTS FOR HOT MIX ASPHALT MIXTURES**

This provision applies to all projects using greater than one hundred (100) tons of hot mix asphalt (HMA) mixtures containing liquid asphalt cement as stipulated in the Form of General Bid Items section of the bid documents.

The Price Adjustment will be based on the variance in price for the liquid asphalt component only from the Base Price to the Period Price. It shall not include transportation or other charges. This Price Adjustment will occur on a monthly basis.

The Base Price of liquid asphalt on a project as listed in the Notice to Contractors section of the bid documents is a fixed price determined at the time of bid by the Department by using the same method as for the determination of the Period Price detailed below.

**Period Price**

Please note that, starting December 15, 2008, two sets of period prices will be posted each month on the Mass Highway website at <http://www.mhd.state.ma.us/>. They will be labeled "New Asphalt Period Price Method" and "Old Asphalt Period Price Method".

**New Asphalt Period Price Method**

The "New Asphalt Period Price Method" is for contracts bid after December 15, 2008 and will show the Period Price of liquid asphalt for each monthly period as determined by Mass Highway using the average selling price per standard ton of PG64-28 paving grade (primary binder classification) asphalt, FOB manufacturer's terminal, as listed under the "East Coast Market - New England, Boston, Massachusetts area" section of the Poten & Partners, Inc. "Asphalt Weekly Monitor". This average selling price is listed in the issue having a publication date of the second Friday of the month and will be posted as the Period Price for that month. Mass Highway will post this Period Price on this website within two (2) business days following

their receipt of the relevant issue of the "Asphalt Weekly Monitor". Poten and Partners has granted Mass Highway the right to publish this specific asphalt price information sourced from the Asphalt Weekly Monitor.

#### New and Old Asphalt Period Price Methods

The paragraphs below apply to both the New and the Old Asphalt Period Price Methods.

The Contract Price of the hot mix asphalt mixture will be paid under the respective item in any contract awarded pursuant to this IFB. The price adjustment, as herein provided, upwards or downwards, will be made after the work has been performed, using the monthly period price for the month during which the work was performed.

The Price Adjustment applies only to the actual virgin liquid asphalt content in the mixture placed on the job in accordance with the Standard Specifications for Highways and Bridges, Division III, Section M3.11.03.

The Price Adjustment will be a separate payment item. It will be determined by multiplying the number of tons of hot mix asphalt mixtures placed during each monthly period times the liquid asphalt content percentage times the variance in price between Base Price and Period Price of liquid asphalt.

This Price Adjustment will be paid only if the variance from the Base Price is five percent (5%) or more for a monthly period. The complete adjustment will be paid in all cases with no deduction of the 5% from either upward or downward adjustments.

No Price Adjustment will be allowed beyond the Completion Date of this Contract, unless there is an approved extension of time.

#### MONTHLY PRICE ADJUSTMENTS FOR DIESEL FUEL AND GASOLINE

This monthly fuel price adjustment is inserted in this contract because the national and worldwide energy situation has made the future cost of fuel unpredictable. This adjustment will provide for either additional compensation to the SUCCESSFUL BIDDER or repayment to the Town, depending on an increase or decrease in the average price of diesel fuel or gasoline.

This adjustment will be based on fuel usage factors for various items of work developed by the Highway Research Board in Circular 158, dated July 1974. These factors will be multiplied by the quantities of work done in each item during each monthly period and further multiplied by the variance in price from the Base Price to the Period Price.

The Base Price of Diesel Fuel and Gasoline will be the price as indicated in the Department's web site (   
 for the month in which the contract was bid, which includes State Tax.

The Period Price will be the average of prices charged to the State, including State Tax for the bulk purchases made during each month.

This adjustment will be effected only if the variance from the Base Price is five percent (5%) or more for a monthly period. The complete adjustment will be paid in all cases with no deduction of the 5% from either upward or downward adjustments.

No adjustment will be paid for work done beyond the extended completion date of any contract.

Any adjustment (increase or decrease) to estimated quantities made to each item at the time of final payment will have the fuel price adjustment figured at the average period price for the entire term of the project for the difference of quantity.

The fuel price adjustment will apply only to the following items of work at the fuel factors **shown:**

#### **ITEMS COVERED FUEL FACTORS**

Excavation: and Borrow Work: Shall apply to the corresponding Mass. Highway Payment Items 120, 120.1, 121, 123, 124, 125, 127, 129.3, 140, 140.1, 141, 142, 143, 144, 150, 150.1, 151 and 151.1

(Both Factors used)

0.29 Gallons / CY for Diesel

0.15 Gallons / CY for Gasoline

Surfacing Work:

All Items containing Hot Mix Asphalt

2.90 Gallons / Ton for Diesel

Does Not Apply for Gasoline

#### **Q. Measurement and Payment**

In general, payment will be made for CONTRACT work satisfactorily completed through the end of the previous month. The payment will include any additional work which has been completed and approved and change order work agreed upon by the OWNER and Contractor which has been completed and approved.

Each application for payment will indicate the total of a minimum 5 percent retainage held by the Owner on the total of all work completed under the contract and approved for payment to date.

Within sixty five (65) days after the effective date of Substantial Completion and receipt of an Application for Payment, the OWNER shall submit to the CONTRACTOR payment for the quantity of work completed with the following deductions:

1. A retainer of one (1%) percent of the undisputed Substantial Completion payment amount.
2. Less the estimated cost of completing all incomplete and unsatisfactory work item.

**R. Contract Term**

The term of this Contract shall commence as of the execution date of this contract and shall end on November 15, 2020. Time is of the essence in the performance of services rendered by the Contractor under this Contract. The Contractor, therefore, shall achieve final completion of the work by November 15, 2020, unless previously agreed to, in writing by the Town.

**Section 4. Bid Submission Requirements**

Each Bidder shall submit the following with his/her/its Bid:

1. A fully executed Bid Form (Appendix 1) (which shall include certification of the following:
  - A. Bidder is an established business with a minimum of five (5) years of experience in providing services related to the furnishing of roadway improvements (Bidder shall attach to the Bid Form a short statement of the status of the business, the year of incorporation/commencement, a list of any name changes, and a list of any lawsuits pending against Bidder.)
  - B. Bidder holds all applicable State and Federal permits, licenses and approvals. (Bidder shall attach to the Bid Form copies of all applicable State and Federal permits, licenses, and approvals.)
  - C. Bidder provides a Town approved Foreman, who shall be present at the work site at all times.
  - D. Bidder provides supervision of all workers performing under all Contracts held and pledges to provide such supervision under any Contract with the Town.
  - E. Bidder holds all applicable documentation and Insurance in accordance with this IFB. (Bidder shall attach to the Bid Form copies of relevant insurance certificates hereto. Nothing in this provision, however, shall eliminate the requirement that the Bidder, if chosen as the Successful Bidder, shall submit to the Town an endorsement or a rider in compliance with Section 8 of the Contract.)
  - F. Bidder shall attach to the Bid Form contact information for all clients over the last five (5) years as well as all current Contracts (contact person, address and telephone number). Bidder shall also provide a list of at least

six (6) successfully completed jobs in such time, giving the name and address of these projects.

- G. Bidder has not defaulted on any Contract within the last five (5) years.
- H. Bidder maintains a permanent place of business. (Bidder shall attach to the Bid Form the address of his/her/its business.)
- I. Bidder has adequate personnel and equipment to perform the work expeditiously. (Bidder shall also attach to the Bid Form a statement of experience of his/her/its personnel and the proposed staffing plan it shall offer in reference to the work for which Bids are sought. Bidder shall attach to the Bid Form a description of his/her/its equipment and shall explain how such equipment satisfies the requirements stated herein.)
- J. Bidder has suitable financial status to meet obligations incident to the work. Bidder shall attach to the Bid Form a financial statement that shows the Bidder's present financial status.
- K. Bidder is registered with the Secretary of the Commonwealth of Massachusetts to do business in Massachusetts. (Bidder shall attach to the Bid Form a copy of a Letter of Good Standing from the Secretary of the Commonwealth's Office.)
- L. Bidder has not failed to perform satisfactorily on Contracts of a similar nature.
- M. Bidder possesses the skill, ability and integrity necessary for the faithful performance of the work.
- N. Bidder certifies that he/she/it is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work.
- O. Bidder certifies that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least ten (10) hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee.
- P. Bidder certifies that his/her/its materials meet the specifications. (A manufacturer's certificate, certifying conformance to the above material specifications, shall be furnished to the Town by the Successful Bidder.)

2. A fully executed Certificate of Non-Collusion. (Appendix 2)
3. A fully executed Certificate of Tax Compliance. (M.G.L. c.62C, §49A) (Appendix 3)
4. A fully executed Conflict of Interest Certification. (M.G.L. c.268A) (Appendix 4)
5. A fully executed Certificate of Corporate Bidder, if applicable. (Appendix 5)
6. A fully executed Certificate of Compliance with M.G.L. c.151B. (Appendix 6)
7. A fully executed Certificate of Compliance with EEO/AA/SDO provisions. (Appendix 7)
8. A full executed Certificate of Non-Debarment. (Appendix 8)
9. A Bid Deposit in the form of a Bid bond, or cash, or a certified check on, or a treasurer's or cashier's check issued by, a responsible bank or trust company, payable to the Awarding Authority. The amount of such Bid Deposit shall be in the amount of five (5%) percent of the value of the Bid.
10. A certificate of insurability from an insurance company that is licensed to do business in the Commonwealth of Massachusetts indicating that all the provisions of the specifications can be met.
11. A letter of intent from a surety company that is licensed to do business in the Commonwealth of Massachusetts stating that the Bidder shall be able to obtain a Performance Bond in the amount of one hundred (100%) percent of the Contract Price.
12. A letter of intent from a surety company that is licensed to do business in the Commonwealth of Massachusetts stating that the Bidder shall be able to obtain a Labor and Materials Payment Bond in the amount of one hundred (100%) percent of the Contract Price.

#### **Section 5. Bid Submission**

Sealed Bids marked "Town of Natick: Sealed Bid for the Furnishing of Roadway Improvements at Various Locations - 2020" shall be received by 11:00A.M., local time, March 5, 2020, at this address:

Town of Natick  
Department of Public Works  
75 West Street  
Natick, MA 01760.

Each Bidder's name, address and contact phone number shall be clearly visible from the outside of each sealed envelope. The clock in the Administration Office at the Department of Public Works shall be considered official. No late Bids shall be accepted. No faxed Bids shall be accepted. Conditional Bids will not be accepted.

Each Bid shall be submitted in accordance with the Bid Submission Requirements in order to be considered for award. Any Bid submitted shall be binding for thirty (30) days subsequent to the time of the opening of Bids.

As soon as is reasonably possible after the deadline for Bid submission, Bids will be opened in accordance with M.G.L. 30, §39M. **Bids received after that date and time will be rejected.**

### **Section 6. Selection Process and Award**

Bids submitted to the Town prior to the deadline will be reviewed by the Procurement Officer to determine compliance with the foregoing Bid Submission Requirements and this IFB.

Pursuant to M.G.L. c.30, §39M, the Town shall award, within thirty (30) days of the opening of sealed Bids, one (1) Contract, if at all, to the lowest responsible and eligible Bidder, based upon the lowest total cost to provide the required services in the Main Bid Work, who complies with the Bid Submission Requirements in Section 4 above. The award of any Contract pursuant to this IFB shall be subject to appropriation by Natick Town Meeting.

The term "lowest responsible and eligible Bidder" shall mean the Bidder: "(1) whose Bid is the lowest of those Bidders possessing the skill, ability and integrity necessary for the faithful performance of the work; (2) who shall certify that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work; (3) who shall certify that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least ten (10) hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; (4) who, where the provisions of Section 8B of Chapter 29 (of the Massachusetts General Laws (M.G.L.)) apply, shall have been determined to be qualified thereunder; and (5) who obtains within ten (10) days of the notification of Contract award the security by bond required under Section 29 of Chapter 149 (of the Massachusetts General Laws (M.G.L.)); provided that for the purposes of this section the term "security by bond" shall mean the bond of a surety company qualified to do business under the laws of the commonwealth and satisfactory to the Awarding Authority; provided further, that if there is more than one (1) surety company, the surety companies shall be jointly and severally liable". M.G.L. c.30, §39M.

Nothing in this IFB will compel the Town to award a Contract. The Town may cancel this IFB, may waive, to the extent allowed by law, any informalities, and may reject any and all Bids, if the Town, in its sole discretion, determines said action to be in the best interest of the

Town of Natick. The Town may reject as non-responsive any Bid that fails to satisfy any of the Bid Submission Requirements.)

No person or firm debarred, suspended, or otherwise prohibited from practice by any federal, state, or local agency shall be awarded a Contract.

The Successful Bidder shall provide certification of insurance coverage and shall be required to indemnify and hold the Town harmless (see below for more information).

Within ten (10) business days after notification of award of a Contract by the Town, the Successful Bidder shall furnish to the Town a Performance Bond in the amount of one hundred (100%) percent of the Contract price, with a surety company which is acceptable to the Town.

Within ten (10) business days after notification of award of Contract by the Town, the Successful Bidder shall furnish to the Town a Labor and Materials Payment Bond in the amount of one hundred (100%) percent of the Contract price, with a surety company which is acceptable to the Town.

The Successful Bidder shall, within ten (10) days after presentation thereof by the Town, execute a Contract in accordance with the terms of this IFB, in the form of the attached Contract.

The Successful Bidder who enters into a Contract with the Town shall be responsible for obtaining, at his/her/its own expense, all appropriate federal, state and local permits, licenses and approvals.

The Town may terminate any such Contract upon written notice to the Contractor if a source of money to fund the Contract is lost during the Contract term. In the alternative, the parties may agree in writing to amend any such Contract to provide for a Contract price which represents a reduced appropriation for the Contract term.

#### **Section 7. Compliance with Laws**

The Successful Bidder shall comply with all provisions of Federal, Massachusetts and Town of Natick law applicable to his/her/its work including, without limitation, statutes, by-laws, rules, regulations, orders and directives, as amended, and including, without limitation, the Williams-Steiger Occupational Safety and Health Act of 1970, as amended, and related regulations, as amended, in effect throughout the term of this Contract and any extension or renewal thereof. Without limitation, the Successful Bidder shall comply, to the extent applicable, with the provisions of Chapter 149, Section 26 to 27D of the Massachusetts General Laws, as amended. Any Contract shall be considered to include in their entirety all terms respecting workers' compensation insurance and other terms required to be included in it by Chapter 152 of the Massachusetts General Laws, as amended, and any other laws, as though such terms were set forth in their entirety herein.



## **Section 8. Insurance**

The Successful Bidder shall keep in force throughout the term of the Contract and any extension or renewal thereof the amount of insurance described in the Contract which is a part of this IFB and is incorporated herein by reference. Without limitation of other requirements of this IFB, no Contract shall be entered into by the parties unless the Successful Bidder complies with all applicable insurance requirements, including, without limitation, the required language mandating that the Town of Natick shall be named as an additional insured on the required policies of commercial general liability insurance, automobile liability insurance, and excess liability insurance, umbrella form.

## **Section 9. Indemnification**

The Successful Bidder shall assume the indemnification responsibilities described in the Contract which is a part of this IFB and is incorporated herein by reference.

## **Section 10. Performance Bond Requirements**

Within ten (10) calendar days after notification of award of any contract by the Town, the Successful Bidder shall deliver to the Town a Performance Bond, in the amount of one hundred (100%) percent of the contract price, with a surety company that is acceptable to the Town and that is licensed by the Massachusetts Division of Insurance.

## **Section 11. Labor and Materials Payment Bond Requirements**

Within ten (10) calendar days after notification of award of any contract by the Town, the Successful Bidder shall deliver to the Town a Labor and Materials Payment Bond, in the amount of one hundred (100%) percent of the contract price, with a surety company that is acceptable to the Town and that is licensed by the Massachusetts Division of Insurance.

## **Section 12. Use of Alcohol and Controlled and/or Mood Altering Substances Prohibited**

The use of alcoholic beverages, narcotics, controlled and/or mood altering substances, except for current valid, legal prescriptions, by any officer, employee, agent, or representative of the Successful Bidder is prohibited on Town of Natick property which is the subject matter of this IFB and during all hours of work under any Contract with the Town. If any officer, employee, agent, or representative of the Successful Bidder violates the foregoing provision, the Town of Natick shall have the right to order that such officer, employee, agent, or representative of the Successful Bidder shall not be permitted to return to work under any Contract with the Town. Under such circumstances, the Successful Bidder shall promptly remove the subject officer, employee, agent, or representative from the job site and shall not permit the subject officer, employee, agent, or representative to perform further work in conjunction with any Contract with the Town.

### **Section 13. No Smoking**

Pursuant to Massachusetts General Laws (M.G.L.) c. 270, §22, the Commonwealth of Massachusetts Smokefree Workplace Law, the Successful Bidder, his/her/its officers, employees, agents, and representatives shall refrain from smoking and from using tobacco products in any public building in the Town of Natick.

### **Section 14. Criminal Background Screening**

For each employee of the Successful Bidder who is performing services under any Contract, the Successful Bidder shall, subject to his/her/its confidentiality and privacy obligations owing to his/her/its employees and third parties, provide a written confirmation to the Town that such employee passed the Successful Bidder's pre-employment criminal background screen. In the event that any employee refuses to permit the Successful Bidder to provide such information to the Town, the Successful Bidder shall not assign such employee to perform services for the Town, and such employee shall not be authorized to perform services for the Town. The Town shall be permitted to keep such information in its files.

### **Section 15. Appendices**

1. Bid Form ✓
2. Certificate of Non-Collusion ✓
3. Certificate of Tax Compliance (M.G.L. c.62C, §49A) ✓
4. Conflict of Interest Certification (M.G.L. c.268A) ✓
5. Certificate of Corporate Bidder ✓
6. Certificate of Compliance with M.G.L. c.151B ✓
7. Certificate of Compliance with EEO/AA/SDO provisions ✓
8. Certificate of Non-Debarment ✓
9. Prevailing Wage Rates
10. Form of Contract

**APPENDIX 1**  
**TOWN OF NATICK**  
**BID FORM**  
*(9 pages)*

The undersigned hereby submits a sealed bid for the furnishing of Roadway Improvements at Various Locations - 2020.

Printed Name of Bidder:

P.J. Keating Company

Address: 998 Reservoir Road, Lunenburg, MA 01462

---

Bidder acknowledges receipt of Addenda   x   One        Two        Three        Four

The Bidder hereby pledges to deliver the complete scope of services required for the Main Bid Work, for the price shown below:

Total Price in Words: Two million five hundred seventeen thousand two hundred seven dollars and zero cents

Total Price in Numbers: \$2,517,207.00

Unit Prices, which will not be directly used for purposes of award, are as shown on the following pages:

UNIT OR LUMP SUM ITEM NO.	PRICE BID IN BOTH WORDS AND FIGURES	ESTIMATED QUANTITY	TOTAL IN FIGURES (UNIT PRICE TIMES ESTIMATED QUANTITY)
1A.	Bit. Conc. Binder Course, per ton. <u>Eighty</u> Dollars and <u>zero</u> Cents (\$ <u>80.00</u> )	5,460 Tons	\$ <u>436,800.00</u>
1B.	Bit. Conc. Leveling Course, per ton. <u>One hundred fifteen</u> Dollars and <u>zero</u> Cents (\$ <u>115.00</u> )	680 Tons	\$ <u>78,200.00</u>
1C.	Bit. Conc. Top Course, per ton. <u>Eighty-five</u> Dollars and <u>zero</u> Cents (\$ <u>85.00</u> )	6840 Tons	\$ <u>581,400.00</u>
1D.	Bit. Conc. Driveway Aprons, Wheelchair Ramps, & Sidewalks, per ton. <u>One hundred sixty-five</u> Dollars and <u>zero</u> Cents (\$ <u>165.00</u> )	740 Tons	\$ <u>122,100.00</u>
1E.	Trench Patch with 2.5 Inches of Binder, <u>Eighty</u> Dollars and <u>zero</u> Cents (\$ <u>80.00</u> )	300 Tons	\$ <u>24,000.00</u>
2A.	Reclaim Base Course, per square yard <u>Four</u> Dollars and <u>Fifty</u> Cents (\$ <u>4.50</u> )	38,000 S.Y.	\$ <u>171,000.00</u>
2B.	Cold Plane Pavement, per square yard <u>Three</u> Dollars and <u>zero</u> Cents (\$ <u>3.00</u> )	27,610 S.Y.	\$ <u>82,830.00.00</u>

UNIT OR LUMP SUM ITEM NO.	PRICE BID IN BOTH WORDS AND FIGURES	ESTIMATED QUANTITY	TOTAL IN FIGURES (UNIT PRICE TIMES ESTIMATED QUANTITY)
3.	Single Treated Stone Chip Seal, per square yard Four Dollars and fifty Cents (\$4.50 )	25,680 S.Y.	\$115,560.00
4A.	Granite Curbing Straight, Type VA4, per linear foot Thirty-five Dollars and zero Cents (\$35.00 )	1,960 L.F.	\$ 68,600.00
4B.	Granite Curbing Curved, Type VA4, per linear foot Forty-five Dollars and zero Cents (\$45.00 )	2,780 L.F.	\$ 125,100.00
4C.	R & R Granite Curbing, per linear foot Twenty Dollars and zero Cents (\$20.00 )	800 L.F.	\$ 16,000.00
4D.	R & D Concrete Curbing Discard Two Dollars and zero Cents (\$2.00 )	1,500 L.F.	\$ 3,000.00
5.	Bit. Conc. Berm, per linear foot Nine Dollars and Zero Cents (\$ 9.00 )	2,000 L.F.*	\$18,000.00

UNIT OR LUMP SUM ITEM NO.	PRICE BID IN BOTH WORDS AND FIGURES	ESTIMATED QUANTITY	TOTAL IN FIGURES (UNIT PRICE TIMES ESTIMATED QUANTITY)
6A.	Cement Conc. Sidewalks, and Wheelchair Ramps, per square yard <u>Seventy-five</u> Dollars and <u>zero</u> Cents (\$ <u>75.00</u> )	600 S.Y.	\$ <u>45,000.00</u>
6B.	Cement Concrete Driveway Aprons, per square yard <u>Ninety-five</u> Dollars and <u>zero</u> Cents (\$ <u>95.00</u> )	100 S.Y. *	\$ <u>9,500.00</u>
6C.	Cast in Place, 2'x 4' Tactile Warning Panels, per each <u>One hundred fifty</u> Dollars and <u>zero</u> Cents (\$ <u>150.00</u> )	78 EA.	\$ <u>11,700.00</u>
7A.	Adjustment Sewer & Drain Castings, per each <u>Two hundred seventy</u> Dollars and <u>zero</u> Cents (\$ <u>270.00</u> )	350 EA.	\$ <u>94,500.00</u>
7B.	Adjustment Water Gate Box Castings, per each <u>One hundred seventy-five</u> Dollars and <u>zero</u> Cents (\$ <u>175.00</u> )	143 EA.	\$ <u>25,025.00</u>
7C.	Rebuild Sewer & Drain Structures, per vertical foot <u>Two hundred</u> Dollars and <u>zero</u> Cents (\$ <u>200.00</u> )	90 V.F.*	\$ <u>18,000.00</u>
7D.	Remodeled Sewer & Drain	20 EA.	\$ <u>3,000.00</u>

UNIT OR LUMP SUM ITEM PRICE BID IN BOTH NO. WORDS AND FIGURES		ESTIMATED QUANTITY	TOTAL IN FIGURES (UNIT PRICE TIMES ESTIMATED QUANTITY)
Structures, per each <u>One hundred fifty</u> Dollars and <u>zero</u> Cents (\$ <u>150.00</u> )			
8.	Processed Gravel for Sub-Base, per cubic yard <u>Ten</u> Dollars and <u>zero</u> Cents (\$ <u>10.00</u> )	2,400 C.Y.	<u>\$24,000.00</u>
9A.	Earth Excavation, per cubic yard <u>Eighty-two</u> Dollars and <u>zero</u> Cents (\$ <u>82.00</u> )	1,186 C.Y.	<u>\$ 97,252.00</u>
9B.	Class A Rock Excavation, per cubic yard <u>One thousand</u> Dollars and <u>zero</u> Cents (\$ <u>1,000.00</u> )	2 C.Y. *	<u>\$ 2,000.00</u>
9C.	Trench Excavation, per cubic yard <u>Thirty-eight</u> Dollars and <u>zero</u> Cents (\$ <u>38.00</u> )	380 C.Y.*	<u>\$ 14,440.00</u>
10.	Loam & Seed Borders, per square yard <u>Ten</u> Dollars and <u>zero</u> Cents (\$ <u>10.00</u> )	16,900 S.Y.	<u>\$169,000.00</u>
11.	Calcium Chloride – Dust Control per pound <u>Zero</u> Dollars and <u>one</u> Cents (\$ <u>0.01</u> )	8,000 LBS	<u>\$ 80.00</u>
12.	Natick Police Details, per man-hour	1,500 MH*	<u>\$75,000.00</u>

Fifty Dollars and Zero Cents (\$50.00)			
UNIT OR LUMP SUM ITEM NO.	PRICE BID IN BOTH WORDS AND FIGURES	ESTIMATED QUANTITY	TOTAL IN FIGURES (UNIT PRICE TIMES ESTIMATED QUANTITY)
13.	Pavement Markings 12 inch (Paint)Per linear foot <u>One</u> Dollars and <u>sixty</u> Cents (\$ <u>1.60</u> )	1,950 L.F.	\$ <u>3,120.00</u>
14.	Pavement Markings 4 inch (Paint)Per Linear Foot <u>Zero</u> Dollars and <u>sixty</u> Cents (\$ <u>0.60</u> )	5,000 L.F.	\$ <u>3,000.00</u>
15.	Traffic Controls for Construction Lump Sum <u>Fifty thousand</u> Dollars and <u>zero</u> Cents (\$ <u>50,000.00</u> )	L.S.	\$ <u>50,000.00</u>
16.	Modified Catch Basin (30" diameter) 3 EA. <u>Four thousand</u> Dollars and <u>zero</u> Cents (\$ <u>4,000.00</u> )		\$ <u>12,000.00</u>
17A.	Catch Basin Frame and Grate* <u>Six hundred</u> Dollars and <u>zero</u> Cents (\$ <u>600.00</u> )	10 EA.*	\$ <u>6,000.00</u>
17B.	Manhole Frame and Cover <u>Six hundred</u> Dollars and <u>zero</u> Cents (\$ <u>600.00</u> )	10 EA.*	\$ <u>6,000.00</u>
18	6' wide Vertical Granite Throatstone type VB 4 <u>Six hundred</u>	10 EA.*	\$ <u>6,000.00</u>



Dollars and zero  
Cents (\$ 600.00 )

\* Item Not Anticipated Or Quantity Assumed, Values Used For Comparison of Bids.

Bidder certifies as follows:

- A. Bidder is an established business with a minimum of five (5) years of experience in providing services related to the furnishing of roadway improvements (Bidder shall attach to the Bid Form a short statement of the status of the business, the year of incorporation/commencement, a list of any name changes, and a list of any lawsuits pending against Bidder.)
- B. Bidder holds all applicable State and Federal permits, licenses and approvals. (Bidder shall attach to the Bid Form copies of all applicable State and Federal permits, licenses, and approvals.)
- C. Bidder provides a Town approved Foreman, who shall be present at the work site at all times.
- D. Bidder provides supervision of all workers performing under all Contracts held and pledges to provide such supervision under any Contract with the Town.
- E. Bidder holds all applicable documentation and Insurance in accordance with this IFB. (Bidder shall attach to the Bid Form copies of relevant insurance certificates hereto. Nothing in this provision, however, shall eliminate the requirement that the Bidder, if chosen as the Successful Bidder, shall submit to the Town an endorsement or a rider in compliance with Section 8 of the Contract.)
- F. Bidder shall attach to the Bid Form contact information for all clients over the last five (5) years as well as all current Contracts (contact person, address and telephone number). Bidder shall also provide a list of at least six (6) successfully completed jobs in such time, giving the name and address of these projects.
- G. Bidder has not defaulted on any Contract within the last five (5) years.
- H. Bidder maintains a permanent place of business. (Bidder shall attach to the Bid Form the address of his/her/its business.)
- I. Bidder has adequate personnel and equipment to perform the work expeditiously. (Bidder shall also attach to the Bid Form a statement of experience of his/her/its personnel and the proposed staffing plan it shall offer in reference to the work for which Bids are sought. Bidder shall attach to the Bid Form a description of his/her/its equipment and shall explain how such equipment satisfies the requirements stated herein.)

- J. Bidder has suitable financial status to meet obligations incident to the work. (Bidder shall attach to the Bid Form a financial statement that shows the Bidder's present financial status).
- K. Bidder is registered with the Secretary of the Commonwealth of Massachusetts to do business in Massachusetts. (Bidder shall attach to the Bid Form a copy of a Letter of Good Standing from the Secretary of the Commonwealth's Office.)
- L. Bidder has not failed to perform satisfactorily on Contracts of a similar nature.
- M. Bidder possesses the skill, ability and integrity necessary for the faithful performance of the work.
- N. Bidder certifies that he/she/it is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work.
- O. Bidder certifies that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least ten (10) hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee.
- P. Bidder certifies that his/her/its materials meet the specifications. (A manufacturer's certificate, certifying conformance to the above material specifications, shall be furnished to the Town by the Successful Bidder.)

The Bidder understands that, pursuant to M.G.L. c.30, §39M, the Town shall award, within thirty (30) days of the opening of sealed Bids, one (1) Contract, if at all, to the lowest responsible and eligible Bidder, based upon the lowest total cost to provide the required services in the Main Bid Work, who complies with the Bid Submission Requirements in Section 4 above. The award of any Contract pursuant to this IFB shall be subject to appropriation by Natick Town Meeting.

The Bidder agrees that, if he/she/it is the Successful Bidder, he/she/it will within ten (10) days after presentation thereof by the Awarding Authority, execute a Contract in accordance with the terms of this Bid and furnish a Performance Bond and a Labor and Materials Payment Bond, each with a surety company qualified to do business under the laws of the Commonwealth of Massachusetts and satisfactory to the Awarding Authority in the amount of one hundred percent (100%) of the Contract price, the premiums for which are to be paid by the Successful Bidder and are included in the Contract price; provided, however, that if there is more than one (1) surety company, the surety companies shall be jointly and severally liable.

The undersigned certifies under the penalties of perjury that this Bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth of Massachusetts under the provisions of section twenty-nine F of chapter twenty-nine, or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

The Bidder agrees that all Bid specifications and Contract specifications are hereto made part of any Contract executed with the Town and are binding on the Successful Bidder.

Authorized Signature

Printed Name

Andy Brewer

Assistant Secretary

Printed Title

3/11/2020

Date

If a Corporation:

Full Legal Name

P.J. Keating Company

Officers of Corporation and Addresses

Please see attached corporate vote

State of Incorporation Delaware

Principal Place of Business \_\_\_\_\_

998 Reservoir Road

Lunenburg, MA 01462

Telephone Number (978) 582 - 5200

Qualified in Massachusetts Yes x No \_\_\_\_\_

Principal Place of Business in Massachusetts

998 Reservoir Road

Lunenburg, MA 01462

Telephone Number (978) 582 - 5200

Full Legal Name of Surety Company

Liberty Mutual Insurance Company

Principal Place of Business of Surety Company

175 Berkley Street

Boston, MA

Telephone Number (617) 451 - 2009

Admitted in Massachusetts Yes x No \_\_\_\_\_

Place of Business in Massachusetts

175 Berkley Street

Boston, MA

Telephone Number (617) 451 - 2009

**Appendix 2**  
**CERTIFICATE OF NON-COLLUSION**

The undersigned certifies, under penalties of perjury, that this Bid has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club or other organization, entity, or group of individuals.

P.J. Keating Company  
Name of Bidder

998 Reservoir Road  
Address of Bidder

Lunenburg, MA 01462

(978) 582-5200  
Telephone Number

By: \_\_\_\_\_

(Signature)

Andy Brewer  
Printed Name

Assistant Secretary  
Printed Title

3/11/2020  
Date

**Appendix 3**  
**CERTIFICATE OF TAX COMPLIANCE**


Pursuant to Massachusetts General Laws (M.G.L.) c.62C, §49A, I certify under the penalties of perjury that the Bidder named below has complied with all laws of the Commonwealth of Massachusetts pertaining to the payment of taxes, to the reporting of employees and contractors, and to the withholding and remitting of child support.

P.J. Keating Company  
Name of Bidder

998 Reservoir Road  
Address of Bidder

Lunenburg, MA 01462

(978) 582-5200  
Telephone Number

By:   
(Signature)

Andy Brewer  
Printed Name

Assistant Secretary  
Printed Title

3/11/2020  
Date

**Appendix 4**  
**CONFLICT OF INTEREST CERTIFICATION**

The Bidder hereby certifies that:

1. The Bidder has not given, offered, or agreed to give any gift, contribution, or offer of employment as an inducement for, or in connection with, the award of a Contract pursuant to this Invitation for Bids.
2. No consultant to, or subcontractor for, the Bidder has given, offered, or agreed to give any gift, contribution, or offer of employment to the Bidder, or to any other person, corporation, or entity as an inducement for, or in connection with, the award to the consultant or subcontractor of a Contract by the Bidder.
3. No person, corporation, or other entity, other than a bona fide full time employee of the Bidder has been retained or hired to solicit for or in any way assist the Bidder in obtaining the Contract (pursuant to this IFB) upon an agreement or understanding that such person, corporation or entity be paid a fee or other compensation contingent upon the award of a Contract to the Bidder.
4. The Bidder understands that the Massachusetts Conflict of Interest Law, Chapter 268A of the Massachusetts General Laws, applies to the Bidder with respect to the transaction outlined in the IFB.
5. The Bidder understands that the Bidder, his/her/its officers, employees, agents, subcontractors, and affiliated entities, shall not participate in any activity which constitutes a violation of the Massachusetts Conflict of Interest Law or which creates an appearance of a violation of the Massachusetts Conflict of Interest Law.

P.J. Keating Company  
Name of Bidder  
998 Reservoir Road  
Address of Bidder  
Lunenburg, MA 01462

(978) 582-5200  
Telephone Number

By: \_\_\_\_\_

(Signature)

Andy Brewer  
Printed Name

Assistant Secretary

Printed Title

3/11/2020  
Date



**Appendix 5**  
**CERTIFICATE OF CORPORATE BIDDER**

I, Eric Lundberg, certify that I am the Clerk of the Corporation named as Bidder in the attached Bid Form; that Andy Brewer, who signed said Bid on behalf of the Bidder was then Assistant Secretary of said Corporation and was duly authorized to sign said Bid Form; and that I know his/her signature thereto is genuine.

(Corporate Seal)

P.J. Keating Company  
Name of Bidder

998 Reservoir Road  
Address of Bidder

Lunenburg, MA 01462

(978) 582-5200  
Telephone Number

By: 

(Signature)

Eric Lundberg  
Printed Name

Assistant Secretary  
Printed Title

3/11/2020  
Date

This Certificate shall be completed where Bidder is a Corporation and shall be so completed by its Clerk. In the event that the Clerk is the person signing the Bidder on behalf of the Corporation, this Certificate shall be completed by another officer of the Corporation.

**Appendix 6**  
**CERTIFICATE OF COMPLIANCE WITH M.G.L. c.151B**

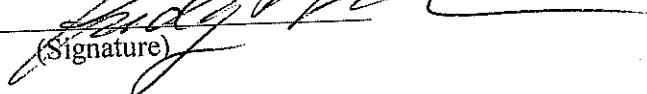
The Bidder hereby certifies that it is in compliance with and shall remain in compliance with Massachusetts General Laws (M.G.L.) Chapter 151B and shall not discriminate on any prohibited basis outlined therein.

P.J. Keating Company  
Name of Bidder

998 Reservoir Road  
Address of Bidder

Lunenburg, MA 01462

(978) 582-5200  
Telephone Number

By:   
(Signature)

Andy Brewer  
Printed Name

Assistant Secretary  
Printed Title

3/11/2020  
Date

**Appendix 7**

**CERTIFICATE OF COMPLIANCE WITH APPLICABLE EEO/AA/SDO PROVISIONS**

The Bidder hereby certifies that it shall comply with all applicable minority workforce percentage ratio and specific affirmative action steps contained in any EEO/AA provisions of this Contract, including, without limitation any imposed by the Massachusetts Supplier Diversity Office (SDO).

P.J. Keating Company  
Name of Bidder

998 Reservoir Road  
Address of Bidder

Lunenburg, MA 01462

(978) 582-5200  
Telephone Number

By: \_\_\_\_\_

(Signature)

Andy Brewer  
Printed Name

Assistant Secretary  
Printed Title

3/11/2020  
Date

**Appendix 8**  
**CERTIFICATE OF NON-DEBARMENT**

The Bidder hereby certifies that it is presently not debarred, suspended, or otherwise prohibited from practice by any federal, state, or local agency, and that, should any proceeding arise in which it is debarred, suspended, or otherwise prohibited from practice by any federal, state, or local agency, the Bidder shall inform the Town of Natick within one (1) business day of such debarment, suspension, or prohibition from practice.

P.J. Keating Company  
Name of Bidder

998 Reservoir Road  
Address of Bidder

Lunenburg, MA 01462

(978) 582-5200  
Telephone Number

By: \_\_\_\_\_

(Signature)

Andy Brewer  
Printed Name

Assistant Secretary  
Printed Title

3/11/2020  
Date



A CRH COMPANY

March 11, 2020

Town of Natick  
75 West Street  
Natick, MA 01760

RE: Bid for Services Related to The Furnishing of Roadway Improvements at Various Locations 2019

The P.J. Keating Company has supplied over 2,002,000 tons of crushed stone product and over 1,295,564 tons of asphalt products in 2019. The year incorporation is 1925. We are prequalified by the MDOT Highway Department; please see the attached prequalification certificate.

The appointed project superintendent for the P.J. Keating Company should we be low bidder and awarded the contract for paving in the City of Natick will be Ed Peterson. He has 29 years of experience in the construction industry working with various municipalities and on federal projects.

Part A – The P.J. Keating Company has no current Roadway/Construction lawsuits pending.

Part E – C.O.I. attached showing all coverage for the P.J. Keating Company.

Part F – Please see attached reference sheet.

Part G – No contract terminations.

Part H – The P.J. Keating Company's permanent place of business is 998 Reservoir Road, Lunenburg, MA 01462.

Part I – Please see the attached equipment list. We operate 7 mainline asphalt paving crews and 3 full size milling/cold planning crews and 2 full size highway and commercial grade crews.

Part J – will furnish if awarded low bidder

Part K – see attached

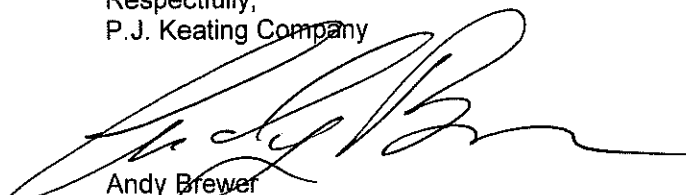
Part L – We have not failed to perform satisfactorily on contracts of a similar nature.

Part N – We can furnish labor that works in harmony with all other elements of labor employed to be employed.

Part O – OSHA certification is available for all employees that would be working on this project.

Attached please find a letter of intent from Liberty Mutual that states we will be able to supply payment and performance bonds if we are the low bidder on this project.

Respectfully,  
P.J. Keating Company



Andy Brewer  
Assistant Secretary

P. J. Keating  
998 Reservoir Road  
Lunenburg, MA 01462

T +1 (978) 582 5200  
F +1 (978) 582 7027

[www.pjkeating.com](http://www.pjkeating.com)

*P.J. Keating Company is an Affirmative Action and Equal Opportunity Employer*



*The Commonwealth of Massachusetts*  
*Secretary of the Commonwealth*  
*State House, Boston, Massachusetts 02133*

William Francis Galvin  
Secretary of the  
Commonwealth

February 19, 2020

To Whom It May Concern:

I hereby certify that the records of this office show that

**P. J. KEATING COMPANY**

a corporation organized under the laws of **Delaware** on **May 12, 1992** was qualified to do business in this Commonwealth on **May 27, 1992** under the provisions of the General Laws, and I further certify that said corporation is still qualified to do business in this Commonwealth.

I also certify that said corporation is not delinquent in the filing of any annual reports required to date.

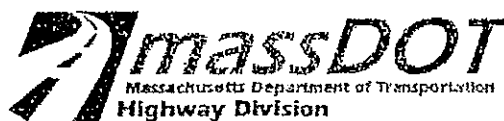


In testimony of which,  
I have hereunto affixed the  
Great Seal of the Commonwealth  
on the date first above written.

*William Francis Galvin*  
Secretary of the Commonwealth



Charles D. Baker, Governor  
Karyn E. Poliro, Lieutenant Governor  
Stephanie Pollack, Secretary & CEO  
Jonathan L. Gulliver, Highway Administrator



PJ KEATING COMPANY  
998 RESERVOIR RD  
LUNENBURG, MA 01462-1646

March 06, 2019  
Prequalification Certificate No K003-57

Dear Contractor:

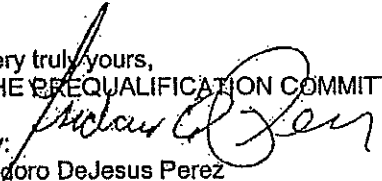
In accordance with the Regulations Governing Prequalification of Contractors, as approved by the Massachusetts Department of Transportation Prequalification Committee, you are hereby notified that the following class(es) of work and Single Contract Limits (if applicable) have been assigned to you as of the date of this letter. If in the opinion of the Committee you failed to submit proper documentation or have not demonstrated the ability to perform all classes of work requested then you were denied Prequalification Status for that class(es) of work.

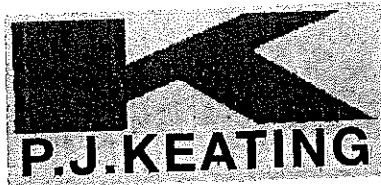
Qualified Class of Work	Limit Amount	Qualified Class of Work	Limit Amount
Highway - Construction	\$30,000,000.00	Pavement - Milling And Cold Planing	\$30,000,000.00
Pavement - Surfacing	\$30,000,000.00		

Bonding Capacity \$300,000,000.00      Bond Single Limit \$100,000,000.00      Expiration Date 3/31/2020

The class(es) of work, Single Contract Limits and Aggregate Bonding Capacity set forth will continue in effect until March 31, 2020 unless previously modified or rescinded in accordance with the Regulations, or by law. In order to be continuously eligible to bid on projects to be undertaken for this Department, your next Prequalification Statement should be submitted at least 30 days prior to expiration of this Certificate. If there are any questions or concerns, contact the Prequalification Department at (857) 368-8660 or email to [prequal.r109@state.ma.us](mailto:prequal.r109@state.ma.us).

Very truly yours,  
THE PREQUALIFICATION COMMITTEE

By:   
Isidoro DeJesus Perez  
Director - Office of Construction Prequalification /  
Records & Procedures



## P.J. KEATING COMPANY

Asphalt and Crushed Stone  
998 Reservoir Road  
Lunenburg, Massachusetts 01462-0367  
Tel: (978) 582-5200 • Fax: (978) 582-7130

During the 2018 construction season we have worked for the following municipalities as use for P.J. Keating Company's reference list:

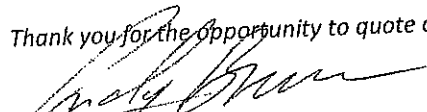
Abington, Town of	John Caine	Spring 2018 - Winter 2018	\$ 534,117.32	781-982-2115
Ashby, Town of	Steve Beauregard	Fall 2018 - Summer 2019	\$ 278,898.56	978-386-2424
Auburn, Town of	Bill Coyle	Fall 2018 - Summer 2019	\$ 380,892.76	508-832-7814
Bourne, Town of	George Sala	Summer 2018 - Spring 2019	\$ 326,826.66	508-759-0640
Bridgewater, Town of	Ron Ladue	Spring 2018 - Winter 2018	\$ 273,070.23	508-697-0931
E. Bridgewater, Town of	John Haines	Spring 2018 - Winter 2018	\$ 858,881.41	508-378-1620
W. Bridgewater, Town of	Shawn Anderson	Summer 2018 - Winter 2018	\$ 302,849.45	508-894-1216
Burlington, Town of	Steve Hildreth	Spring 2018 - Fall 2018	\$ 1,809,882.79	781-270-1643
Canton, Town of	William Walsh	Spring 2018 - Winter 2018	\$ 420,677.46	781-821-5023
Carver, Town of	John Woods	Fall 2018 - Summer 2019	\$ 273,320.34	339-832-3464
Clinton, Town of	Chris McGowen	Spring 2018 - Summer 2018	\$ 611,263.80	978-365-4110
Dartmouth, Town of	Paul Pacheco	Summer 2018 - Summer 2019	\$ 422,368.64	508-999-0744
Dighton, Town of	Tom Ferry	Fall 2018 - Winter 2018	\$ 348,634.26	774-218-5339
Easton, Town of	David Field	Spring 2018 - Winter 2018	\$ 366,681.06	508-230-0800
Fairhaven, Town of	John Charbonneau	Summer 2018 - Spring 2019	\$ 121,883.83	508-979-4030
Foxboro - Town of	Chris Gallagher	Spring 2018 - Winter 2018	\$ 370,074.38	508-543-1228
Franklin, Town of	John Bugbee	Spring 2018 - Fall 2018	\$ 560,082.50	508-553-4866
Gardner, City of	Dane Arnold	Spring 2018 - Summer 2018	\$ 310,864.09	978-632-7661
Grafton, Town of	Brian Szczurko	Spring 2018 - Spring 2019	\$ 1,233,666.77	508-839-5335
Hopkinton, Town of	John Westerling	Summer 2018 - Fall 2018	\$ 885,178.52	508-497-9740
Lowell, City of	Joseph Assenza	Spring 2018 - Winter 2018	\$ 765,976.16	978-674-4070
Lancaster, Town of	Kevin Bartlett	Fall 2018 - Summer 2019	\$ 148,150.90	978-375-7629
Lunenburg, Town of	Jack Rodriquez	Summer 2018 - Summer 2019	\$ 598,503.13	978-582-4160
Mansfield, Town of	Mark Cook	Spring 2018 - Winter 2018	\$ 833,981.48	508-261-7335
Norfolk, Town of	Robert McGhee	Spring 2018 - Winter 2018	\$ 461,198.09	508-528-4990
Royalston, Town of	Keith Newton	Summer 2018 - Summer 2019	\$ 334,014.69	978-249-4223
Sandwich, Town of	Paul Tilton	Fall 2018 - Spring 2019	\$ 83,455.42	508-833-8002
Sharon, Town of	Eric Hooper	Spring 2018 - Winter 2018	\$ 1,012,230.45	781-784-1525
Somerset, Town of	Brian Martin	Summer 2018 - Summer 2019	\$ 942,765.16	508-646-2835
Spencer, Town of	Eben Butler	Summer 2018 - Fall 2018	\$ 727,625.38	508-847-3515
Wareham, Town of	Dave Menard	Spring 2018 - Summer 2018	\$ 752,323.93	508-291-3100
Wellesley, City of	Elizabeth Gildae	Summer 2018 - Winter 2018	\$ 863,715.59	781-235-7600
Worcester, City of	Christopher Gaglianro	Summer 2018 - Fall 2018	\$ 2,541,808.66	978-674-4070

\*amounts listed are for work completed in 2018 season  
not actual contracted values

The P.J. Keating Company has supplied over 3,458,966 tons of crushed stone products and over 1,335,396 tons of asphalt products in 2018. We are prequalified by the MDOT Highway Department for \$500,000,000 in bondable work.

We operate 7 mainline asphalt paving crews and 3 full size milling/cold planing crews and 2 full size highway and commercial grade crews. Additionally, we have numerous pieces of large and small support equipment.

Thank you for the opportunity to quote on your project.

  
Andy Brewer  
VP of Construction/Assistant Secretary



An Oldcastle Company





A CRH COMPANY

**CORPORATE VOTE**

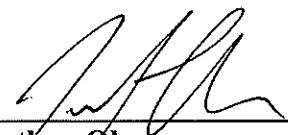
I, Jonathan Olson hereby certify that I am the duly elected President of P. J. Keating Company.

I hereby certify the following is a true copy of a vote taken at a special meeting of the board of Directors of the corporation, duly called, and held on April 12, 2019 at which a quorum of the board was present and voting.

**VOTED:**

**JONATHAN OLSON** President, **JOHN J. KEATING** Vice President/Assistant Secretary, **ROBERT W. BOBENHAUSEN** Chief Financial Officer/Secretary, **JAY REBELLO** Treasurer, **MICHAEL G. O'DRISCOLL** Assistant Secretary, **GARY P. HICKMAN** Assistant Secretary, **ERIC LUNDBERG** Assistant Secretary, **ANDY BREWER** Assistant Secretary, **PATRICIA ANN LENCKI** Assistant Secretary, **WILLIAM B. MILLER** Assistant Secretary, **DAVID M. TOOLAN** Assistant Secretary, **DAVID C. LEWIS** Assistant Secretary, **WILLIAM P. JONES** Assistant Secretary, **MICHAEL F. DEATON** Assistant Secretary of said corporation, are hereby duly authorized and empowered to execute all documents necessary for submittals and further authorizing said representatives to execute any documents which may in their judgment be desirable or necessary to effect the purpose of this vote.

3/11/2020  
Date

  
\_\_\_\_\_  
Jonathan Olson  
President

P. J. Keating  
998 Reservoir Road  
Lunenburg, MA 01462

T +1 (978) 582 5200  
F +1 (978) 582 7027

[www.pjkeating.com](http://www.pjkeating.com)



## P.J. KEATING COMPANY

Asphalt and Crushed Stone

998 Reservoir Road

Lunenburg, Massachusetts 01462-0367

Tel: (978) 582-5200 • Fax: (978) 582-7130

<u>Make, Model &amp; Year</u>	<u>Serial Number / Vin</u>	<u>Used for what</u> <u>Prequalification Category</u>	<u>Owned</u>	<u>Leased</u> <u>/ Rent</u>
89 Long Haul Trailer	EM0000023891010	Highway Construction	X	
89 Long Haul Trailer	EM0000024891010	Highway Construction	X	
88 Deande Trailer	UT8	Highway Construction	X	
88 Long Haul Trailer	LH1001885X10462	Highway Construction	X	
88 Long Haul Trailer	LH1001885X10463	Highway Construction	X	
05 Premier Constr. Trailer	5B5HD12275H000972	Highway Construction	X	
04 Premier Constr. Trailer	5B5HD12274H001019	Highway Construction	X	
97 Rogers Tilt 20 Ton	1RBK32201VAR22913	Highway Construction	X	
97 Rogers Tilt 20 Ton	1RBK32203VAR22914	Highway Construction	X	
97 Rogers Tilt 20 Ton	1RBK32205VAR22915	Highway Construction	X	
97 Rogers Tilt 20 Ton	1RBK32207VAR22916	Highway Construction	X	
04 Magnum Products LLC Wtr Tr	5AJWS16163B000152	Highway Construction	X	
05 Wylie Water Trailer	1W9TE20205P342917	Highway Construction	X	
2016 Wylie1000 Gallon Water Trailer	5VUTV1724GP000014	Highway Construction	X	
05 Peque Utility Trailer	4JASL182X5G111400	Highway Construction	X	
05 Peque Utility Trailer	4JASL18226G111974	Highway Construction	X	
06 Peque Utility Trailer	4JASL18236G112244	Highway Construction	X	
90 Leeboy Tack Wagon	L150T50	Pavement - Surfacing	X	
98 Freightliner FL70 Distributor Truck	1FV6HLAA1WH987489	Pavement - Surfacing	X	
14 International 7300 Distributor Truck	1HTZZAAN6EH781932	Pavement - Surfacing	X	
15 International 7300 Distributor Truck	1HTZZAAN7FH735259	Pavement - Surfacing	X	
2018 Kenworth T370 Tack Truck	2NKHJHJ7X5JM188957	Pavement - Surfacing	X	
03 Leeboy 250T Tack Distrib	1B9DS091D309121 / 250T-2121	Pavement - Surfacing	X	
08 Cimline Matrix 1500 Sealer	1C95M11178M119010	Pavement - Surfacing	X	
98 Leeboy Tack Wagon	1187	Pavement - Surfacing	X	
98 Leeboy Tack Wagon	1200	Pavement - Surfacing	X	
01 Leeboy L250	2035	Pavement - Surfacing	X	
01 Leeboy 250	1B9DS09171D309053	Pavement - Surfacing	X	
06 Cat 140H Grader	CAT0140HCCCA02382	Highway Construction	X	
04 Caterpillar 140G Grader	0140HCCCA00678	Highway Construction	X	



An Oldcastle Company

EQUAL OPPORTUNITY EMPLOYER

<u>Make, Model &amp; Year</u>	<u>Serial Number / Vin</u>	<u>Used for what</u> <u>Pregualification Category</u>	<u>Owned</u>	<u>Leased</u> <u>/ Rent</u>
09 Wirtgen 2100 Milling Machine	9210325	Pavement - Milling & Cold Planing	X	
15 Wirtgen 2200 Milling Machine	5220107	Pavement - Milling & Cold Planing	X	
2015 Wirtgen Milling Machine W220	5220108	Pavement - Milling & Cold Planing		X
2011 Wirtgen W100F 4' Milling Machine	08101196	Pavement - Milling & Cold Planing	X	
05 RX10 Roadtec Trimmer	RX10-137	Pavement - Milling & Cold Planing	X	
02 RX10 Roadtec Trimmer	10128	Pavement - Milling & Cold Planing	X	
96 Rosco Broom Sweeper	33739	Pavement - Milling & Cold Planing	X	
03 Rosco RB48 Broom	38342	Pavement - Milling & Cold Planing	X	
08 Rosco RB48 Broom	50182	Pavement - Milling & Cold Planing	X	
08 FREIGHTLINER BROOM BEAR	1FVACXBS48HZ85312	Pavement - Milling & Cold Planing	X	
2016 Rosco RB-48A Broom	141893	Pavement - Milling & Cold Planing	X	
07 Elgin Broom Bear Sweeper	1FVACXDC97HY37029	Pavement - Milling & Cold Planing	x	
93 BG 730 Road Widener	161	Highway Construction	X	
2013 Roadtec SX6E RECLAIMER	SX6E-102		X	
04 Roadtec SB2500C Shuttle Buggy	746	Pavement - Surfacing	X	
09 Roadtec SB2500D Shuttle	1044	Pavement - Surfacing	x	
2016 CAT AP 555F	AP500107	Pavement - Surfacing		X
2016 CAT AP1055F	TJ500337	Pavement - Surfacing		X
2017 Caterpillar AP555F	AP500188	Pavement - Surfacing		X
2017 Vogele Super 2000-3i	1174.0116	Pavement - Surfacing		X
2018 Vogele Super 2000-3i	1174.0145	Pavement - Surfacing		X
2018 Vogele Super 2000-3i	1174.0147	Pavement - Surfacing		X
02 Hypac 3/5TN Static Roller	109B15803710 MODEL 330B	Pavement - Surfacing	X	
02 Hypac 3/5TN Static Roller	109B15803709 MODEL C330B	Pavement - Surfacing	X	
02 Hypac 3/5TN Static Roller	109B15803742	Pavement - Surfacing	X	
06 Hypac C340C Static Roller	901C14603441	Pavement - Surfacing	X	
95 Hypac Roller 10-14	C089C6353S	Pavement - Surfacing	X	
95 Hypac Roller 10-14	D089C6349S	Pavement - Surfacing	X	
05 Hypac C350D Static Roller	901D08908648	Pavement - Surfacing	X	
05 Hypac C350D Static Roller	901D08908649	Pavement - Surfacing	X	
08 HYPAC C350D Static Roller	06662	Pavement - Surfacing	X	
06 Hypac C350D Static Roller	06663	Pavement - Surfacing	X	
98 Cat 84" Drum Soil Compact	4KN01162	Highway Construction	X	
98 Cat Vib Gravel Roller	4KN01247	Highway Construction	X	
05 Cat CS533EFR Vib Compactor	CS533LASL00600	Pavement - Surfacing	X	
2016 CAT CB66B COMPACTOR	B6600142	Pavement - Surfacing		X

<u>Make, Model &amp; Year</u>	<u>Serial Number / Vin</u>	<u>Used for what</u> <u>Prequalification Category</u>	<u>Owned</u>	<u>Leased</u> <u>/ Rent</u>
2016 DD110 Volvo Roller	285173	Pavement - Surfacing		X
2016 VOLVO 110B HFA VIB ROLLER	285174	Pavement - Surfacing		X
2016 Volvo DD110B HFA Vib Roller	285175	Pavement - Surfacing		X
2016 Volvo DD110B HFA Vib Roller	285176	Pavement - Surfacing		X
2016 Volvo DD110 HFA Vib Roller	285187	Pavement - Surfacing		X
2016 Volvo DD110 HFA Asphalt Compac	285188	Pavement - Surfacing		X
2016 Volvo DD140	278050	Pavement - Surfacing		X
2018 Volvo DD110C Roller	286038	Pavement - Surfacing		X
2018 Volvo DD110C Roller	286038	Pavement - Surfacing		X
2018 Volvo DD110C Roller	286039	Pavement - Surfacing		X
2016 HAMM HD10 VV	H2300638	Pavement - Surfacing		X
2016 HAMM HD 10VV	H2300536	Pavement - Surfacing		X
2016 HAMM HD10CVV ROLLER	H1993805	Pavement - Surfacing		X
2016 HAMM HD 80IVOS	H1860258	Pavement - Surfacing		X
2016 HAMM HD 80IVOS	H1860241	Pavement - Surfacing		X
2016 HAMM HD 80IVOS	H1860257	Pavement - Surfacing		X
2018 HAMM HD110i vvhf	H242.0254	Pavement - Surfacing		X
2018 HAMM HD110i vvhf	H242.0199	Pavement - Surfacing		X
2016 HAMM HD 120IVO	H2070265	Pavement - Surfacing		X
2016 HAMM HD 120IVO	H2070245	Pavement - Surfacing		X
93 Ingersol Rand Comp 185	237040UGD328	Highway Construction	X	
02 Ingersol P185WJD Port Com	327152UAM221	Highway Construction	X	
02 Ingersol P185WJD Port Com	327153UAM221	Highway Construction	X	
06 Ingersol Rand P185	WJD369967UDOB34	Highway Construction	X	



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/10/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Liberty Mutual Insurance Co. National Insurance East 2000 Westwood Dr. Wausau, WI 54401		<b>CONTACT NAME:</b>	
<b>www.LibertyMutual.com</b>		<b>PHONE (A/C, No, Ext):</b> 715-870-6376	<b>FAX (A/C, No):</b>
		<b>E-MAIL ADDRESS:</b>	
		<b>INSURER(S) AFFORDING COVERAGE</b>	
		<b>INSURER A:</b> Liberty Mutual Fire Insurance Company	<b>NAIC #</b> 23035
		<b>INSURER B:</b> Liberty Insurance Corporation	42404
		<b>INSURER C:</b>	
		<b>INSURER D:</b>	
		<b>INSURER E:</b>	
		<b>INSURER F:</b>	

**COVERAGES****CERTIFICATE NUMBER:** 54540834**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR VWD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Primary/Non-Contributory <input checked="" type="checkbox"/> Separation of Insured GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>		TB2-C81-004095-119 XCU Coverage Included	9/1/2019	9/1/2020	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$250,000 MED EXP (Any one person) \$50,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COM/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY	<input checked="" type="checkbox"/>		AS2-C81-004095-129 AS2-C81-054502-529 Physical Damage only: Comprehensive Ded \$10,000 Collision Ded \$10,000	9/1/2019	9/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB DED RETENTION \$	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TL2-681-054523-929 (General Liability)	9/1/2019	9/1/2020	EACH OCCURRENCE \$2,000,000 AGGREGATE \$2,000,000 Products/Completed Ops \$2,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	<input type="checkbox"/>	<input type="checkbox"/>	WA7-C8D-004095-029 All except OH, ND, WA, WY WC7-C81-004095-019 WI, MN	9/1/2019	9/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.I. EACH ACCIDENT \$1,000,000 E.I. DISEASE - EA EMPLOYEE \$1,000,000 E.I. DISEASE - POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: Project: Furnishing of Roadway Improvements at Various Locations - 2020  
Town of Natick is listed as additional insured with regards to the general liability, automobile liability, and excess liability policies, where required by written contract.  
30-day Notice of Cancellation.

**CERTIFICATE HOLDER****CANCELLATION**

Town of Natick  
75 West St  
Natick MA 01760

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

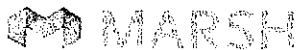
AUTHORIZED REPRESENTATIVE

Valerie Reece

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ACORD 25 (2016/03)

The ACORD name and logo are registered marks of ACORD



**Lindsey Plattner**

Marsh USA Inc.  
15 West South Temple, Suite 700  
Salt Lake City, UT 84101  
801 533-3625 Fax 801 533 3610  
Lindsey.Plattner@marsh.com  
www.marsh.com

MARCH 3, 2020

TOWN OF NATICK  
75 WEST STREET  
NATICK, MA 01760

Subject: P.J. KEATING COMPANY – PREQUALIFICATION FOR SERVICES  
RELATED TO THE FURNISHING OF ROADWAY IMPROVEMENTS AT VARIOUS  
LOCATIONS - 2020

TO WHOM IT MAY CONCERN:

LIBERTY MUTUAL INSURANCE COMPANY, a corporation under the laws of the State of Massachusetts, with an office and place of business 175 Berkeley St., Boston, MA 02117, represents P.J. KEATING COMPANY for surety bonding needs.

Marsh USA Inc. has worked with P.J. KEATING COMPANY for 20 years. At the present time, P.J. KEATING COMPANY is in a position to consider single projects up to \$50,000,000 within an aggregate limit of \$500,000,000. The statement of these values is neither a commitment nor a limitation of the bonding capacity of P.J. KEATING COMPANY. At the request of P.J. KEATING COMPANY, LIBERTY MUTUAL INSURANCE COMPANY will give favorable consideration to providing the required performance and payment bonds.

Please note that the decision to issue performance and payment bonds is a matter between P.J. KEATING COMPANY and LIBERTY MUTUAL INSURANCE COMPANY, and will be subject to our standard underwriting at the time of the final bond request, which will include but not limited to the acceptability of the contract documents, bond forms and financing. We assume no liability to P.J. KEATING COMPANY, third parties or to you if for any reason we do not execute said bonds.

If you have any questions or need any additional information, please do not hesitate to contact me.

Sincerely,

  
Lindsey Plattner

Attorney-In-Fact for LIBERTY MUTUAL INSURANCE COMPANY  
A by A. M. Best Financial Size Category A pXV





This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company  
The Ohio Casualty Insurance Company  
West American Insurance Company

Certificate No: 8197868

### POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Lisa Hall, Linda Lee Nipper, Tina Davis, Lindsey Plattner

all of the city of Salt Lake City state of UT each individually if there be more than one named, its true and lawful attorney-in-fact to make execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

31st day of October, 2018.



Liberty Mutual Insurance Company  
The Ohio Casualty Insurance Company  
West American Insurance Company

By:

David M. Carey, Assistant Secretary

County of MONTGOMERY

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed On this 31st day of October, 2018 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal  
Teresa Pastola, Notary Public  
My Comm. expires 12/31/2021  
Montgomery County, PA

By:

Teresa Pastola, Notary Public

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows.

#### ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

#### ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

**Certificate of Designation** - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

**Authorization** - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 3rd day of March 2020.



By:

Renee C. Llewellyn, Assistant Secretary

ADDENDUM 1  
March 3, 2020

INVITATION TO BID  
SERVICES RELATED TO  
THE FURNISHING OF ROADWAY IMPROVEMENTS  
AT VARIOUS LOCATIONS -2020

All Bidding parties must acknowledge receipt of Addendum 1 in their Bid Documents.

The initial date for accepting bids has been changed:

**Scaled Bids shall be received until 11:00AM local time Wednesday March 11, 2020**

The original text in the Invitation to Bid under Item 2B (on page 7 of 53) (Cold Plane Pavement)

*The work under this item shall conform to the relevant provisions of Section 403 of the Commonwealth of Massachusetts, Department of Public Works, and Standard Specifications for Highways and Bridges.*

*The CONTRACTOR shall furnish all labor, materials, and equipment necessary for the preparation of a stabilized base course. The work shall consist of scarifying and pulverizing the in-place asphalt pavement and underlying material to a depth of 12 inches, mixing and/or blending the material and spreading and compacting the resultant mixture to the lines and grades established by the Engineer. The CONTRACTOR shall be responsible for removing and disposing of extra material.*

The language under Item 2B SHOULD READ

The work under this item shall conform to the relevant provisions of **Section 415** of the Commonwealth of Massachusetts, Department of Public Works, and Standard Specifications for Highways and Bridges 2020.

The CONTRACTOR shall furnish and install all labor, materials and equipment necessary for Standard Milling to the depth specified in the plans. Milled material shall become the property of the CONTRACTOR.



ADDENDUM 1  
March 3, 2020

INVITATION TO BID  
SERVICES RELATED TO  
THE FURNISHING OF ROADWAY IMPROVEMENTS  
AT VARIOUS LOCATIONS -2020

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Bryan Leblanc &lt;bleblanc@natickma.org&gt;

**ADDENDUM NO. 1 - ROADWAY IMPROVEMENTS 2020 - PLEASE ACKNOWLEDGE RECEIPT!!!!**

1 message

Wed, Mar 4, 2020 at 8:39 AM

**Bryan Leblanc** <bleblanc@natickma.org>

To: steve johnson <stevemurraypave@gmail.com>, Rick Amirault <ricka@drpaving.com>, Samantha Hayes <samantha@massbroken.com>, bshalek@iwharding.com, Bridget Regan <bridget.regan@indusinc.com>, addenda <addenda@projectdog.com>, Shelley O'Rourke <SORourke@lorussocorp.com>, Mark Welch <Mark.Welch@aggregate-us.com>, Prime Vendor <primevendor124@gmail.com>, Karen Cotoni <Karen@alliedpavingcorp.com>, pturla@mackaycompanies.com, Maria Alicata <malicata@jhllynch.com>, Todd Nedzweckas <todd@garrityasphalt.com>, Justin Felisco <justin.felisco@constructconnect.com>, "Woodhouse Britany (PJ Keating)" <bwoodhouse@pjkeating.com>, Kristen McCaffrey <Kristen@lazaropaving.com>, Elin Carbonneau <ecarbonneau@deccorp.com>  
Cc: "Bill Chenard," <chenard@natickma.org>, Jeremy Marsette <jmarsette@natickma.org>, Tom Hladick <thladick@natickma.org>, William McDowell <wmcdowell@natickma.org>, John Digiacomo <jdigiacomo@natickma.org>

Good morning!

Please find attached addendum no. 1. **Please reply to confirm receipt.** You will also need to acknowledge this ADDENDUM No. 1 **in your bid form.** FAILURE TO ACKNOWLEDGE ADDENDA IN YOUR BID FORM MAY CAUSE DISQUALIFICATION OF YOUR BID!

Please note that we have answer a substantive issue. We are extending the bid deadline to 11 AM on Wednesday, March 11, 2020 to give adequate time to adjust your bids. We have reviewed this issue with the Bid Unit of the AG's office, which has sanctioned this approach.

Thank you for your attention.

Very truly yours,

Bryan Le Blanc

—  
Bryan R. Le Blanc  
Procurement Officer  
Town of Natick  
75 West Street  
Natick, MA 01760  
bleblanc@natickma.org  
(508)-647-6438

**ADDENDUM 1.pdf**

8K

**Town of Natick  
Natick, Massachusetts**

## **INVITATION FOR BIDS**

**FOR**

### **SERVICES RELATED TO THE FURNISHING OF ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS - 2020**

**February 6, 2020**

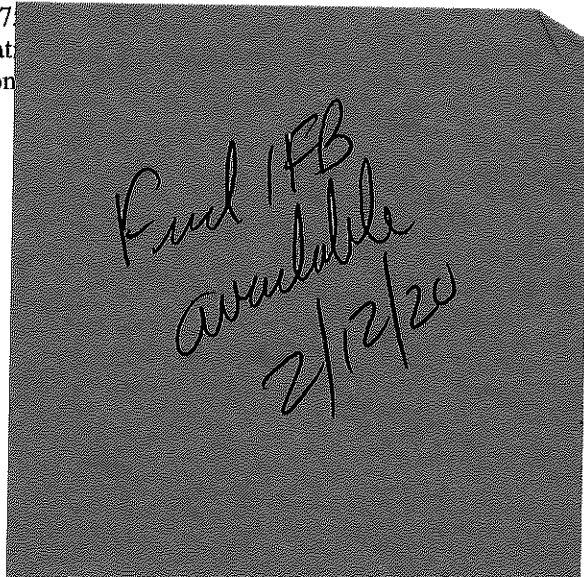
**BIDS DUE:**

**March 5, 2020, 11:00 A.M. LOCAL TIME**

Late Bids Will Be Rejected

**DELIVER COMPLETED BIDS TO:**

Town of Natick  
c/o Bryan LeBlanc  
Procurement Director  
Department of Public Works  
7  
Nat  
Phon



**TOWN OF NATICK  
NATICK, MASSACHUSETTS 01760**

**NOTICE TO BIDDERS**

The Town of Natick, Natick Town Hall, 13 East Central Street, Natick, MA 01760 ("the Town"), acting through the Natick Board of Selectmen, invites the submission of sealed bids for **Services Related to The Furnishing of Roadway Improvements at Various Locations - 2020.**

Prospective Bidders shall be prequalified in accordance with 720 CMR 5.00, "Prequalification of Contractors". Bids received, which are not on the official or waiver contractor lists issued by the Commonwealth of Massachusetts Department of Transportation (MassDOT) Prequalification Office, will be considered not qualified. The Invitation for Bids ("IFB") may be obtained from the Town of Natick, Department of Public Works, 75 West Street, Natick, MA 01760, by emailing [bleblanc@natickma.org](mailto:bleblanc@natickma.org) between 7:30 A.M. and 4:00 P.M. local time, Monday through Thursday, and between 7:30 A.M. and 12:00 P.M. on Fridays, beginning at 7:30 A.M., on Wednesday, February 12, 2020. Sealed Bids will be received until **11:00A.M., local time, March 5, 2020**, at the Department of Public Works, 75 West Street, at which time and place all bids will be publicly opened and read. All Bids shall comply with the IFB issued by the Town of Natick, including, without limitation, Section 1, Instructions to Bidders, and Bid Submission Requirements. The Town reserves the right to waive any informality in or to reject any, any part of, or all Bids in the best interest of the Town. Any Bid submitted will be binding for thirty (30) days subsequent to the time of bid opening.

This contract contains price adjustments for bituminous concrete mixtures, diesel fuel, and gasoline. The base price for liquid asphalt on this project is \$535.00 per ton (Jan. 2020). The base price for diesel fuel is \$2.451 per gallon and for gasoline is \$2.063 per gallon. (Dec. 2019). Award subject to appropriation and vote of the Natick Board of Selectmen.

## **Section 1. Instructions to Bidders and Bid Submission Requirements**

In accordance with the provisions of Chapter 30, Section 39M of the Massachusetts General Laws (M.G.L. c. 30, §39M), the Town of Natick, Massachusetts, Natick Town Hall, 13 East Central Street, Natick, MA 01760, acting through the Natick Board of Selectmen (hereinafter “the Town of Natick” or “the Town”), invites sealed Bids for the provision of services related to the furnishing of Roadway Improvements at Various Locations - 2020.

Prospective Bidders shall be prequalified in accordance with 720 CMR 5.00, “Prequalification of Contractors”. Bids received, which are not on the official or waiver contractor lists issued by the Commonwealth of Massachusetts Department of Transportation (MassDOT) Prequalification Office, will be considered not qualified.

Copies of this IFB may be obtained from the Department of Public Works, 75 West Street, Natick, MA 01760, between 7:30 A.M. and 4:00 P.M. local time, Monday through Thursday, and between 7:30 A.M. and 12:00 P.M. on Fridays, beginning at 7:30 A.M., on Wednesday February 12, 2020.

No formal Pre-Bid Conference will be held.

Questions regarding this IFB shall be submitted in writing and shall be delivered to the Department of Public Works by the close of business 4:00 P.M. Wednesday on February 26, 2020. Questions presented after this time shall not be considered. No question shall be considered which is not submitted in writing. Any questions requiring consideration shall be answered in an addendum delivered to all registered Bidders.

Sealed Bids marked “Town of Natick: Sealed Bid for Services Related to the Furnishing of Roadway Improvements at Various Locations - 2020” shall be received by 11:00 A.M. local time, March 5, 2020, at this address:

Town of Natick  
Department of Public Works  
75 West Street  
Natick, MA 01760.

Each Bidder’s name, address and contact phone number shall be clearly visible from the outside of each sealed envelope. The clock in the Administration Office at the Department of Public Works shall be considered official. No late Bids shall be accepted. No faxed Bids shall be accepted. Conditional Bids will not be accepted.

Each Bid shall be submitted in accordance with the Bid Submission Requirements in order to be considered for award. Any Bid submitted shall be binding for thirty (30) days subsequent to the time of the opening of Bids. Each Bidder’s name, address and contact phone number shall be clearly visible from the outside of each sealed envelope.

Each Bid shall be accompanied by a Bid Deposit in the form of a Bid bond, or cash, or a certified check on, or a treasurer's or cashier's check issued by, a responsible bank or trust company, payable to the Town of Natick, MA. The amount of such Bid Deposit shall be five (5%) percent of the value of the Bid.

The Bid Deposits of the three (3) lowest responsible and eligible Bidders will be returned upon the execution and delivery of a Contract or, if no award is made, upon the expiration of the time prescribed herein for making an award; except that, if any Bidder fails to perform his/her/its agreement to execute a Contract and furnish a Performance Bond and a Labor and Materials Payment Bond if required, his/her/its Bid Deposit shall become and be the property of the Town, as liquidated damages; provided that the amount of the Bid Deposit which becomes the property of the Town will not, in any event, exceed the difference between his/her/its Bid price and the Bid price of the next lowest responsible and eligible Bidder; and provided further that, in case of death, disability, bona fide clerical or mechanical error of a substantial nature, or other similar unforeseen circumstances affecting a Bidder, his/her/its Bid Deposit will be returned to him/her/it. The Bid Deposits of Bidders other than the three (3) lowest responsible and eligible Bidders will be returned following award of the Contract by the Town.

The Town of Natick **will not** reimburse Bidders for any costs incurred in preparing Bids in response to this IFB.

Submission of a Bid shall be conclusive evidence that the Bidder has examined this IFB and is familiar with all the conditions of the Contract. Upon finding any omissions or discrepancy in this IFB, each Bidder shall notify the Town immediately so that any necessary addenda may be issued. Failure of a Bidder to investigate completely this IFB and/or to be thoroughly familiar with this IFB shall in no way relieve any such Bidder from any obligation with respect to the Bid.

By submission of a Bid, the Bidder agrees that if his/her/its Bid is accepted, then it shall enter into a Contract with the Town of Natick which incorporates all of the requirements of this IFB. By submission of a Bid, the Bidder further indicates acceptance of all terms and conditions of this IFB.

Changes, modifications or withdrawal of Bids shall be submitted in writing to the Department of Public Works prior to the deadline and shall be contained in a sealed envelope clearly marked, as appropriate, "CORRECTION, MODIFICATION OR WITHDRAWAL OF SEALED BID FOR SERVICES RELATED TO THE FURNISHING OF ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS - 2020". No corrections, modifications, or withdrawal of Bids shall be permitted after Bids have been opened.

M.G.L. c. 30, §39M, which is incorporated herein by reference, shall govern all procedures.

Prevailing wage rates as determined by the Commissioner of the Massachusetts Department of Labor and Workforce Development under the provisions of the Massachusetts General Laws, Chapter 149, Sections 26 to 27G, as amended, apply to this work. It is the responsibility of the Bidder, before Bid submission, to request, if necessary, any additional

information on Minimum Wage Rates for those trades' people who may be employed for the proposed work under any such Contract awarded.

For further information, please refer to the succeeding sections, with which each Bidder shall comply in submitting a Bid.

## **Section 2. Pre-Bid Conference/Questions**

No formal Pre-Bid Conference will be held.

Questions, if any, concerning this IFB or its conditions shall be addressed to:

Bryan LeBlanc  
Procurement Officer  
Department of Public Works  
75 West Street  
Natick, MA 01760.

Questions regarding this IFB shall be submitted in writing and shall be delivered by the close of business by 4:00P.M., local time, Wednesday on February 26, 2020. Questions may also be submitted to the attention of Bryan LeBlanc at the following email address: [bleblanc@natickma.org](mailto:bleblanc@natickma.org) or at the following fax number: 508-647-6560. Questions presented after this time shall not be considered. No question shall be considered which is not submitted in writing. Any questions requiring consideration shall be answered in an addendum delivered to all Bidders.

## **Section 3. Background & Specifications**

### **A. Locations of Road Improvements in the Work**

The work included is for the following listed streets. The Town Engineer shall be contacted for specific work item locations. At the discretion of the Town of Natick, other streets and/or areas of work may be added to this list.

#### **Possum Hollow Lane**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Possum Hollow Lane" Sheet 1.

#### **Purington Avenue**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Purington Avenue." Sheets 2 - 4.

#### **Rabbit Run Road**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Rabbit Run Road" Sheet 5.

**Ridge Avenue**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Ridge Avenue"  
Sheets 6 & 7.

**Laurie Lane**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Laurie Lane"  
Sheet 8.

**Liberty Street**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Liberty Street"  
Sheets 9 - 12.

**Mark Street**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Mark Street"  
Sheets 13 - 15.

**Buckskin Lane**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Buckskin Lane"  
Sheets 16 & 17.

**Clearview Drive**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Clearview  
Drive." Sheets 18 -20 .

**Juniper Lane**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Juniper Lane"  
Sheet 21.

**Sundance Way**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Sundance Way"  
Sheets 22 & 23.

**Clover Lane**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Clover Lane"  
Sheets 24 & 25.

**Clover Terrace**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Clover Terrace"  
Sheets 26 & 27.

**Morningside Avenue**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Morningside  
Avenue" Sheets 28 - 31.



**Woodleigh Road**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Woodleigh Road" Sheets 32 & 33.

**Deepwoods Drive**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Deepwoods Drive" Sheets 34 & 35.

**Eliot Hill Road**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Eliot Hill Road" Sheets 36 - 44.

**Merifield Lane**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Merifield Lane" Sheets 45 & 46.

**Woodcock Path**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Woodcock Path" Sheet 47.

**Grist Mill Lane**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Grist Mill Lane" Sheets 48 & 49.

**Chalcom Circle**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Woodcock Path" Sheet 50.

**Bennett –Hemenway School Parking Area**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Ben-Hem School Parking Area" sheet 56.

**High School Field Parking Lot**

See attached plan entitled "Roadway Improvements at Various Locations -2020, High School Parking Area" sheet 52.

**Adams Street**

See attached plan entitled "Roadway Improvements at Various Locations -2020, Adams Street " sheet 53.

**B. Performance Standards Applicable to the Work**

All materials and methods of construction shall conform to the requirements of the latest edition of "Commonwealth of Massachusetts, Highway Department Standard Specifications for Highways and Bridges", (hereinafter referred to as "M.H.D. Specifications") and these specifications.

Where there is a conflict between these technical specifications and the M.H.D. Specifications, the M.H.D. Specifications shall prevail.

**THE BELOW BID ITEM DESCRIPTION REFERS TO EACH ITEM LISTED IN THE BID FORM ATTACHED HERETO IN APPENDIX 1.**

**Item No. 1A through Item No. 1E**

The work under these items shall conform to the relevant provisions of Section 460 and Section 701 of the Commonwealth of Massachusetts, Department of Public Works, and Standard Specifications for Highways and Bridges.

The unit price for items 1A through 1E shall constitute full compensation for all materials, labor, and equipment required to place pavements, as specified, or as directed by the Natick Town Engineer ("the Town Engineer"). The unit price for item 1B and 1C shall also include the application of a tack coat, as specified, or as directed by the Town Engineer. The unit price for item 1D shall include all costs for cleaning the existing bituminous concrete surfaces and for adjusting existing water service boxes to the final grade for new sidewalks and driveway aprons, and those that are receiving overlays. The unit price for item 1E shall include only full compensation for the placement of a single compacted layer of 2.5 inches of bituminous pavement. All costs associated with the excavation of the trench shall be paid under Bid Item 9C.

**Item No. 2**

The work under this item shall conform to the relevant provisions of Section 403 of the Commonwealth of Massachusetts, Department of Public Works, and Standard Specifications for Highways and Bridges.

The CONTRACTOR shall furnish all labor, materials, and equipment necessary for the preparation of a stabilized base course. The work shall consist of scarifying and pulverizing the in-place asphalt pavement and underlying material to a depth of 12 inches, mixing and/or blending the material and spreading and compacting the resultant mixture to the lines and grades established by the Engineer. Included in the unit bid price shall be all costs associated with the delivery of all excess pulverized materials to the Town of Natick gravel pit at 17 Oak Street.

**Item No. 3**

The work under this item shall conform to the specifications entitled, "Stone Seal (Treated) Specifications".

The Successful Bidder shall furnish all labor, materials, and equipment necessary for the placement of liquid asphalt and stone on properly prepared streets as specified or directed by the Town Engineer.

**Item No. 4A through Item No. 4C**

The work under these items shall conform to the relevant provisions of Section 500, and Section 580 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges.

The unit price for items 4A and 4B shall constitute full compensation for all materials, labor, and equipment required to place Type VA4 Straight, and Type VA4 Curved granite curbing respectively, as specified or as directed by the Town Engineer. The length and radius of all curved granite curbing to be installed shall be as indicated on the attached plans. The unit price for item 4C shall constitute full compensation for all labor, materials, and equipment to remove and reset existing granite curbing to new lines and grades as directed by the Town Engineer.

**Item No. 5**

The work under this item shall conform to the relevant provisions of Section 500 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges.

The unit price for this item shall constitute full compensation for all materials, labor, and equipment required to place a modified bituminous concrete Cape Cod berm, and Type-2 bituminous concrete berm as shown on the plans. The modified Cape Cod berm shall be as shown on the attached detail sheet named "Modified Cape Cod Berm".

**Item No. 6A through Item No. 6C**

The work under these items shall conform to the relevant provisions of Section 701 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges.

The unit price for these items shall constitute full compensation for all materials, labor, and equipment necessary to place cement concrete sidewalks; cement concrete wheelchair ramps; cement concrete driveway aprons; and cast in-place tactile warning panels, as specified or as directed by the Town Engineer. Also, the unit price for these items shall include all costs for adjusting existing water service boxes to the final grade for new sidewalks and driveway aprons.

Cement concrete wheelchair ramps shall be constructed at locations as directed by the Town Engineer, and shall conform to the current requirements of Section 4.29.2 of the American with Disabilities Act Standards for Accessible Design. All costs associated with the construction of all wheelchair ramps shall be included the unit price for Item 6A.

Item 6C shall constitute full compensation for all material, labor, and equipment necessary to cast in-place composite tactile warning panels in locations as directed by the Town Engineer. The tactile warning panels shall be 2 feet by 4 feet in size. The panels shall be the cast-in-place composite panel system as manufactured by ADA Solutions, Inc., or an approved equal. The panels shall be Federal Color No. 3353 (Federal Yellow). The panels shall be installed in accordance with the manufacture's recommendations.

**Item No. 7A through Item No. 7D**

The work under these items shall conform to the relevant provisions of Section 220 of the Commonwealth of Massachusetts, Department of Public Works, and Standard Specifications for Highways and Bridges. The Successful Bidder shall be responsible to coordinate the adjustment of electrical and gas company castings with the appropriate utility company. No additional compensation will be made for the adjustment of electrical and gas company castings.

**Item No. 8**

The work under this item shall conform to the relevant provisions of Section 402 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges. Processed gravel for sub-base will be paid for at specified contract unit price, and shall include all labor, materials, equipment, and incidental work required to place, fine grade, and compact the gravel to the lines and grades established by the Town Engineer.

**Item No. 9A through No. 9C**

The work under these items shall conform to the relevant provisions of Section 120 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges.

The work under these items shall include all labor, materials, equipment, and incidental costs required for the excavation, disposal or compaction of all materials not being removed under other items of any contract awarded pursuant to this IFB. The unit price of item 9C shall include all labor, materials, equipment, and incidental costs required for cutting, excavating, and disposal of all existing pavement material, as directed by the Town Engineer, in preparation in the placement of trench patch materials.

**Item No. 10**

The Successful Bidder will be paid any specified contract unit price for all loam borders, complete in-place, as specified or as directed by the Town Engineer. This work shall conform to the specifications entitled "Loam & Seed Borders".

**Item No. 11**

The work under this item shall conform to the relevant provisions of Section 440 of the Commonwealth of Massachusetts, Department of Public Works, and Standard Specifications for Highways and Bridges. The unit price for this item shall constitute full compensation for all materials, labor, and equipment required to furnish and place calcium chloride for roadway dust control as specified or as directed by the Town Engineer.

**Item No. 12**

The price for Police Details established for this bid item is an estimated hourly figures times a fixed hourly cost to facilitate comparison of bids. The Contractor shall be reimbursed for the actual cost of services of uniformed officers rendered in connection with traffic control, when traffic control services are mandated by the Town of Natick. The work of this section shall be measured per hour of police officer detail work. Costs associated with overtime pay for police details when used for the Contractor's convenience or due to Contractor negligence shall be paid by the Contractor with no reimbursement from the Town. The Contractor **shall not** reimburse any town or police department for administration,

processing or similar fees invoiced to the Contractor. Any fees as previously described paid by the Contractor will not be reimbursed by the Town of Natick. All reimbursement shall be made through payment requests and shall be accompanied by proof of payment by the Contractor.

There shall be no additional cost to the Town if the Contractor works more than 8 hours per day. The Contractor will only be reimbursed for Police Details up to 8 hours per day, per detail officer. It is the Contractor's responsibility to ensure all work requiring police details is complete within the 8 hour police detail shift. The Contractor will not be reimbursed for overtime charged by the police details unless approved by the Town.

**Item No. 13 and 14**

The work for this item shall conform to the relevant provisions of Section 860 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges, and the following: The white 12" wide crosswalk and stop lines shall be installed in the location shown on the plans. The stop line shall be parallel to the crosswalk line.

All edge lines and centerline makings shall be 4" wide (minimum).

The unit price for this item shall constitute full compensation for all materials, labor and equipment required to furnish and place roadway traffic markings as specified .

**Item No. 15**

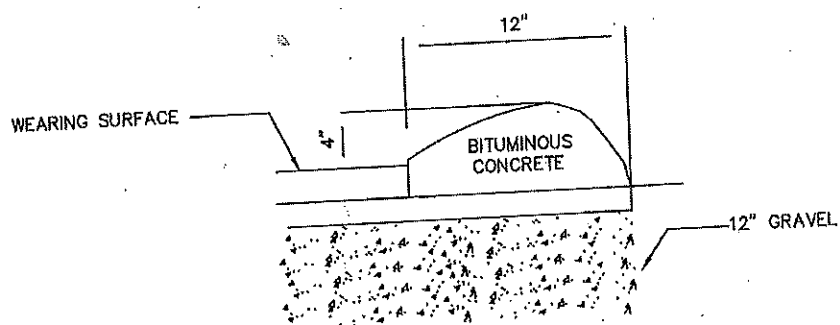
The work for this item shall conform to the relevant provisions of Section 850 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges, NCHRP 350 and the MUTCD (most current edition) for streets and highways, Traffic Controls for Construction

**Item No. 16**

The work under this item shall conform to the relevant provisions of Section 201 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges. The unit price for this item shall constitute full compensation for all materials, labor, and equipment required to furnish and install the 30" diameter manhole based on "Shea Concrete Products or approved equal. 30" diameter basin shall be placed on minimum 6" bed of  $\frac{3}{4}$ " washed stone set to true grade.

**Item No. 17A & B**

The work under this item shall conform to the relevant provisions of subsection 221 of the Commonwealth of Massachusetts, Department of Public Works, Standard Specifications for Highways and Bridges. The unit price for this item shall constitute full compensation for all materials, labor and equipment required to replace inadequate/broken castings as directed on the plans.



## MODIFIED CAPE COD BERM DETAIL

(NO SCALE)

**TOWN OF NATICK, MASSACHUSETTS**  
 DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
 75 WEST STREET, NATICK, MA 01760

Detail Number:  
**R-1.3**

Detail Name:  
**Bituminous Berm**

Date Last Updated:  
**02/01/2011**

## Stone Seal (Treated) Specifications

### SCOPE OF WORK

Work under this contract shall consist of the Contractor furnishing and applying liquid asphalt and treated stone on properly prepared bituminous streets in the town of Natick in accordance with the detailed requirements set forth below. Bid quantities are approximate only; payment shall be for actual quantities applied to streets. Streets to be stone sealed shall be as listed in the contract documents or as selected by the Town Engineer.

### DETAILED REQUIREMENTS

#### Materials

#### a. Liquid Asphalt

Liquid asphalt grades shall be: CRS-2 (3% Latex), CMS-2 (3% Latex), RS-2 (3% Latex), HFMS (3% Latex) or MC-3000 conforming to AASHTO specifications M208, M140 or M82.

#### b. Latex Additive

The latex additive shall be Ultrapave 70 (Anionic) or Ultrapave 1156 (Cationic) or equivalent conforming to the following specifications. It is required that the latex be co-milled at the bulk emulsion facility, to ensure complete and balanced blending. The emulsion manufacturing plant must be open to inspection by the awarding authority.

	Anionic	Cationic
Monomer Ratio (Butadiene/Styrene)	(76 +/- 2/ 24 +/- 2)	(76 +/- 2/ 24 +/- 2)
Solids, min %	67	59
Solids, min lbs/gal	5.2	4.8
Coagulum	0.1%	0.1%
pH of Latex	9.5-10.5	4.0-5.5
Brookfield Visc. (Model RVT, #3 Spindle @ 20 RPM)	800-2000	5000 max
Mechanical Stability	Excellent	Excellent

#### c. Treated Stone

Stone shall be crushed quarry stone, free from dust, soft stone or other contaminants, with a minimum of 70% of the stones having a fractured face. All stone shall satisfy a 35% maximum for the L.A. Abrasion Test and a 35% maximum for the Flakiness Index Test. Stone shall be treated prior to application with Liquid Asphalt Material at the rate of 0.2% to 0.5% residual asphalt to ensure uniform treatment of all stones. Proper pre-treatment shall be obtained by a twin shafted Pugmill with a Digital Readout Belt Scale.

Required Stone Gradation	
9.5 mm (3/8" Stone)	
Sieve Size	% Passing
12.5 mm (1/2")	100
9.5 mm (3/8")	85-100
6.3 mm (1/4")	10-60
4.75 mm (#4)	0-25
2.36 mm (#8)	0-5

Maximum passing 0.075 mm (#200) sieve shall not exceed 2.0%, wet washed, for all sized aggregates used in surface treatments.

### **Material Quantities**

The quantity of asphalt material to be used shall be in the range of 1.6 to 2.3 liters per square meter (0.35 to 0.50 gallons per square yard), or the quantity of MC-3000 to be used shall be in the range of 1.1 to 1.6 liters per square meter (0.25 to 0.35 gallons per square yard). Cover aggregate shall be spread in the range of 11 to 16 kilograms per square meter (20 to 30 pounds per square yard). The Contractor will use lab tests to design specific material quantities to meet existing field conditions. Variations in material quantities will be made without adjustment to contract unit price. The Contractor must maintain a laboratory open to the inspection of the awarding agency.

### **Equipment**

The equipment used by the Contractor shall include, but not be limited to, one or more of the following:

#### **a. Asphalt Distributor**

The asphalt distributor shall contain suitable mechanical circulating and heating mechanisms to provide a uniform approved temperature of the entire mass of material. The distributor shall be equipped with a radar type sensor used to measure ground speed and feed a Digital Volumetric Accumulator capable of measuring liters applied and distance traveled. It shall be capable of applying asphalt material in accurately measured quantities at any rate between 0.5 to 9.1 liters per square meter (0.1 to 2.0 gallons per square yard), of roadway surface, at any length of spray bar up to 4.9 meters (16 feet). The distributor shall be capable of maintaining a uniform rate of distribution of asphalt material regardless of change in grade, width or direction of the road. It shall be equipped with an electronic control for setting asphalt pump discharge rate and on/off switching of spray for nozzles in .3 meter (one foot) increments which shall be located in the truck cab. The spray nozzles and pressure system shall provide a sufficient and uniform fan-shaped spray of asphalt material throughout the entire length of the spray bar at all times while operating. The spray shall completely cover the roadway surface receiving the treatment.

#### **b. Asphalt Spreader**

The aggregate spreader shall be hydrostatically driven and self-propelled. It may be equipped with a hydraulically controlled variable adjustable head that is capable of spreading stone in widths from 1.4 to 4.5 meters (4.5 to 18 feet). The spreader shall be mounted on pneumatic tires and shall apply the treated stone on the road surface in a manner that ensures that the tires do not contact the road surface until after the stone has been applied. The unit shall be equipped with an electronic radar type sensor used to measure ground speed and will automatically adjust the stone application rate depending on width of application and the speed of chip spreader. It shall have the ability to apply stone on any grade from 0-6%. The spreader shall be equipped with an integral hopper with a minimum capacity of 4.5 metric tons (5 tons) of treated stone which shall be filled by trucks in a manner which ensures that the truck tires never come in contact with asphalt-treated road surfaces until the stone has been properly applied. To maintain constant stone application, a self locking truck hitch will permit towing of aggregate trucks without stopping the chip spreader. It will be capable of maintaining positive engagement over



c. Rollers

At least one rubber tired and one steel wheeled roller shall be used on each treated surface immediately after the stone has been applied. Each roller shall have a compacting width of not less than 1.5 meters (5 feet). Each roller shall have a gross weight of not less than 7.2 metric tons (8 tons), and contact pressure adjustable from 1,400 to 2,000 kPa (200 to 300 psi).

d. Trucks

Rear discharge conveyor-fed trucks in sufficient number and size may be used to deliver treated stone to the spreader.

**Construction Methods**

a. Streets to be Treated

Work under this contract shall consist of the Contractor furnishing and applying liquid asphalt and treated stone on properly prepared bituminous streets in the Town of Natick in accordance with the contract specifications. Bid quantities are approximate only; payment shall be for actual quantities applied to streets. Streets to be stone sealed shall be as listed in the contract documents or as selected by the Town Engineer.

b. Surface Preparation

Surface preparation, which may include pothole patching, truing and leveling, adjusting of street irons (Valve covers, manhole covers, drop inlet gratings, etc) will be the responsibility of the contractor with payment made under separate bid items.

Immediately prior to the application of asphalt materials, Highway Department personnel shall remove small branches and other debris, and use a mechanical street sweeper to clean any loose material from the pavement surface.

The Contractor shall protect manhole covers, drop inlets, catch basins, curbs and any other structures within the shoulder areas against the application of the surface treatment materials.

c. Weather Limitations

Work will not be done unless the road surface is dry. No work shall be done during rain or foggy periods. No work shall be done if the ambient temperature is below 10° C (50° F).

d. Spreading Asphalt and Treated Stones

Prior to application of asphalt material on any street, sufficient quantities of materials to cover the entire street at the specified rates shall be on the site and ready for application. The awarding authority shall be responsible for providing the Contractor with an aggregate storage area near the job site. The asphalt material shall not be applied more than 90 meters (300 feet) in advance of the self propelled aggregate spreader. AT NO TIME SHALL ANY ASPHALT MATERIAL BE ON ANY ROAD SURFACE FOR MORE THAN FIFTEEN MINUTES BEFORE IT IS COVERED WITH TREATED STONE.

e. Rolling

Initial rolling shall be done immediately following the application of treated stone. Rollers shall be operated at a speed that will not displace aggregate.

f. Traffic Control

Traffic control is the sole responsibility of the awarding authority. Unless otherwise specified, the roadway shall be kept open to traffic at all times, with traffic discontinued on the lane being surface treated. Controlled traffic may be permitted as soon as the final layer is applied and rolled. A recommended maximum speed of 30 km/h (20 mph) should be maintained for a period of two (2) hours.

g. Surplus Aggregate

Surplus aggregate shall be swept off of the road surfaces by the Highway Department, and shall be the property of the awarding authority. Sweeping will be done after stone seal has properly cured, and care will be taken not to dislodge imbedded aggregate or damage the surface.

### **Loam and Seed Borders**

#### **SCOPE OF WORK**

Loam Borders shall be built or rebuilt between the inside edge of the curbing and the edge of the sidewalk in locations designated by the Engineer. The depth of the loam shall be six inches measured in its finished state. The finished grade of the loam border shall be such that the edges of the loam border and the sidewalk shall meet flush and at the same grade. The same shall apply on the inside edge of the curb. Lawns adjacent to the walk being built that do not meet the proposed line or grade shall be regraded to meet the proposed line and grade.

#### **MATERIALS**

Loam shall be clear, rich, dark colored loam, friable, reasonably well supplied with plant food, free from excess swamp much, peat, clay, silt, stones, sods, roots, gravel, sand, subsoil or other foreign material. All loam furnished for this work shall be approved by the Engineer.

Limestone shall be ground limestone that will pass a number 20 sieve and at least 75% will pass a number 100 sieve. Ground limestone shall have a neutralizing value satisfactory to the Engineer.

Fertilizer shall be furnished in containers plainly marked with the chemical analysis of the product and it shall have one of the following compositions by weight:

	10-6-4	8-6-4	7-7-7
Nitrogen	10% min	8% min	7% min
Avail. Potash Acid	6% min	6% min	7% min
Water Soluble Potash	4% min	4% min	7% min

At least 50% by weight of the nitrogen content of the fertilizer shall be derived from organic material.

Grass seed shall be of the previous year's crop and in no case shall the weed seed content exceed one percent by weight. Grass seed shall conform to the requirements of the following table:

	Proportion	Germination Min.	Purity Minimum
Creeping Red Fescue	50%	85%	95%
Kentucky Blue	25%	85%	90%
Domestic Rye	10%	90%	98%
Red Top	10%	85%	92%
Ladino Clover	5%	85%	96%

The several varieties of seed shall be furnished and delivered separately, and mixed after delivery as directed by the Engineer.

The responsibility for satisfactory results shall rest entirely with the Contractor regardless of any tentative approval given by the Engineer.

#### **METHOD OF CONSTRUCTION**

The loam borders shall be excavated to subgrade six inches below and parallel to the finished grade. Loam shall then be spread on the subgrade in sufficient quantities to produce without rolling and after material settlement has taken place a depth of four inches. On this layer of loam, ground limestone shall be spread at the rate of one half pound per square yard and thoroughly incorporated into the loam for the total depth by harrowing or spading and raking. The surface shall be brought smoothly to a grade parallel to the finished grade.

The second layer of loam shall then be spread in sufficient quantities to produce after final rolling the required finished depth. At least five days shall elapse after the application of the ground limestone and then fertilizer shall be spread on the top layer of loam at the rate of two tenths of a pound per square yard. The full depth of the loam shall then be spades, harrowed and graded to the finished grade.

After the grass plots have been prepared as described above, grass seed shall be carefully and appropriately sown at the rate of three and six tenths pounds to each one hundred square yards. The surface shall then be raked until the grass seed is thoroughly covered with a thin layer of loam. Finally the surface shall be rolled with a hand roller weighing not more than one hundred pounds per foot of width.

The Contractor shall insure a good catch of grass. He or she shall reloom, regrade, and reseed any area which in its opinion of the Engineer requires such.

#### **METHOD OF MEASUREMENT**

Measurements taken for payment shall be by the square yard of the finished work, complete in place.

#### **BASIS OF PAYMENT**

The Contractor will be paid the contract unit price per square yard for all loam borders, complete in place, which unit price shall include full compensation for all labor, materials, tools and equipment and all incidentals necessary to complete the work under this item, as directed by the Engineer and as specified herein.

**C. Notice to Owners of Utilities**

Written notice shall be given by the Successful Bidder to all public service corporations or municipal and State officials owning or having charge of publicly or privately owned utilities of his/her/its intention to commence operations affecting such utilities at least one week in advance of the commencement of such operations. The Successful Bidder shall, at the same time, file a copy of such notice with the Town Engineer.

The following are the names of owners and representatives of the principal utilities affected; however, the Town of Natick does not guarantee completeness of this list:

TOWN OF NATICK, DEPARTMENT OF PUBLIC WORKS, 508-647-6551  
William McDowell, Town Engineer

Natick Police Department 508-647-9550  
Natick Fire Department 508-647-9550

Eversource Gas  
Chris Howard  
157 Cordaville Road  
Southborough, MA 01772  
508-305-6822

Eversource Electric  
Christine Cosby  
157 Cordaville Road  
Southborough, MA 01772  
508-305-6989

Verizon  
385 Myles Standish Blvd.  
Taunton, MA 02780  
Karen Nunes, 508-828-6437

COMCAST  
330 Billerica Road  
Chelmsford, MA 01824  
Pam Letizi, 603-695-1412

The Successful Bidder shall make his/her/its own investigation to assure that no damage to existing structures, drainage lines, traffic signal conduits, and other utilities will occur as result of his/her/its operations.

The Successful Bidder shall notify "MASS DIG SAFE" and procure a DIG SAFE NUMBER of each location prior to disturbing ground in any way.

"DIG SAFE" CALL CENTER - TELEPHONE NUMBER 1-888-344-7233

**D. Protection of Utilities and Property**

The Successful Bidder, in constructing or installing facilities alongside or near storm drains, gas pipes, electric or telephone conduits, poles, sidewalks, walls, vaults or other structures, shall, at his/her/its expense, sustain them securely in place, cooperating with the officers and agents of the various utility companies and municipal departments which control them, so that the services of these structures shall be maintained. The Successful Bidder shall also be responsible for the repair or replacement, at his own expense, of any damage to such structures caused by his/her/its acts or elect, and shall leave them in the same condition as they existed prior to commencement of the work. In case of damage to utilities, the Successful Bidder shall promptly notify the utility owner and shall, if requested by the Town Engineer, furnish labor and equipment to work temporarily under the owner's direction in providing access to the utility. Pipes or other structures damaged by the operation of the Successful Bidder may be repaired by the Town or by the utility owner who suffers the loss. The cost of such repair shall be borne by the Successful Bidder, without compensation therefor.

If, as the work progresses, it is found that any of the utility structures are so placed as to render it impracticable, in the judgment of Town, to do the work called for under any contract awarded pursuant to this IFB, the Successful Bidder shall protect and maintain the services such utilities and structures and the Town will, as soon thereafter as reasonable, cause the position of the utilities to be changed or take such other actions deemed suitable and proper. If live service connections are to be interrupted by excavations of any kind, the Successful Bidder shall not break the service until new services are provided. Abandoned services shall be plugged off or otherwise made secure.

**E. Provisions for Travel and Prosecution of the Work**

The work shall be accomplished in a manner, which safely maintains traffic on all project roadways.

The Successful Bidder shall perform the work in cooperation with the various agencies in a manner which causes the least interference with the operations of the aforementioned agencies and shall have no claim for delay which may be due, or result, from said work of these agents.

**F. Public Safety and Convenience**

The Successful Bidder shall be required, without additional compensation, to provide safe and convenient access to all abutters during the prosecution of the work. Necessary access for fire apparatus and other emergency vehicles shall be maintained at all times.

Sweeping and cleaning of surfaces beyond the limits of the project to clean up material caused by spillage or vehicular tracking during the various phases of the work shall be considered as incidental to the work being performed under any contract awarded pursuant to this IFB. There will be no additional compensation provided for cleaning such spillage/tracking.

**G. Protection and Restoration of Properties**

In areas where mature trees abut or are close to existing pavements to be excavated, or reclaimed, or trenches to be excavated for utilities, the Successful Bidder shall notify the Town of Natick Tree Warden ("the Tree Warden") prior to commencing work. The Town Engineer will arrange for the Tree Warden to inspect the trees and determine the proper methods of protection. Excavations near trees to be maintained shall be carefully done to expose the tree roots with a minimum of damage. The Successful Bidder shall prune and paint the exposed roots under the direction of the Tree Warden. If any excavation or other work is performed by the Successful Bidder prior to the Tree Warden's inspection which, in the Tree Warden's judgment, damages the tree roots, trunk or branches to the extent that the tree cannot be expected to survive, then the Successful Bidder shall remove the tree and replace it with a new tree of specie and size as directed by the Tree Warden at no additional cost to the Town.

**H. Property Bounds**

The Successful Bidder shall exercise due care when working around all property bounds, which are to remain. Should any damage to a bound result from the actions of the Successful Bidder, the bound shall be replaced and/or realigned by a registered land surveyor employed by the Successful Bidder, as directed by the Town, at no cost to the Town.

**I. Traffic Control**

A minimum of two travel lanes shall be provided during non-working hours. Traffic may be reduced to one lane for short periods of time during working hours with the approval of the Department of Public Works and the Police Department and with adequate police direction.

The work under any contract awarded pursuant to this IFB shall be performed on heavily traveled roadways. The Successful Bidder shall furnish, install, maintain and move all warning devices, barricades, signs, bridging materials, special apparatus, and other safety measures deemed necessary by the Department of Public Works and or Police Department for the protection of motorists, pedestrians, and the Successful Bidder's own personnel. All costs in connection with these measures shall be included in various payment items of any contract awarded pursuant to this IFB, and no additional compensation will be made as a result of such costs.

Particular care shall be taken to establish and maintain methods and procedures, which will not create unnecessary or unusual hazards to public safety. Traffic control and safety devices required only for working hour operations shall be removed at the end of each working day.

Signs having messages that are irrelevant to normal traffic conditions shall be removed or properly covered at the end of each work period. Signs shall be kept clean at all times and legends shall be distinctive and unmarred.

The Successful Bidder shall complete the binder course of each pavement repair on the same workday on which the repair was begun unless otherwise approved by the Town Engineer. No separate payment will be made for temporary backfilling and re excavation, but all costs in connection therewith shall be included in the unit prices bid for the respective patching items.

If, as a result of deterioration of pavement repairs, the roadways becomes hazardous, in the judgment of the Town, to vehicular or pedestrian travel, the Successful Bidder shall be notified and shall immediately reconstruct or repair the work to eliminate the hazard. If the Successful Bidder's forces are not available, the Town will perform the necessary work, and the Successful Bidder shall reimburse the Town for all cost in connection therewith.

**J.     Work Done by Others**

Relocation and/or resetting to new grades of all private utilities, including utility poles, made necessary by the construction of this project, will be accomplished by the respective utility companies. The Successful Bidder shall be responsible for coordinating all utilities adjustments with each of the private utility companies and fully responsible for payment of all permit fees and construction costs associated with this work as required by the respective utility company.

**K.     Disposal of Surplus Excavated Materials**

All existing and other materials not required or needed for use on the project, and not required to be removed and stacked, shall become the property of the Successful Bidder and shall be removed from the site and legally disposed of. Separate payment will not be made for this work; all cost in connection therewith shall be included in the prices bid for the appropriate contract bid item.

**L.     Safety and Health Regulations**

This project is subject to the Safety and Health Regulations of the U.S. Department of Labor set forth in 29 CFR, Part 1926, and the Massachusetts Department of Labor and Industries, Division of Industrial Safety "Rules and Regulations for the Prevention of Accidents in Construction Operations (Industrial Bulletin No. 12)."

Employees performing under any contract awarded pursuant to this IFB shall have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration (OSHA) that is at least ten (10) hours in duration, at the time the employee begins work. The Successful Bidder shall furnish documentation of successful completion of said course with the first certified payroll report for

each employee; and the Successful Bidder shall comply fully with all laws and regulations applicable to awards made subject to Section 39S of Massachusetts General Law.

Quantities estimated and listed in the bid forms for the above referenced items were generated for comparison bids only and are not guaranteed by the Town. All work done and all materials supplied under this CONTRACT shall be in conformance with the Massachusetts Highway Department Standard Specifications for Highways and Bridges, dated 1988; the Supplemental Specifications, dated December 11, 2002; Standard Special Provisions dated April 21, 2005; the 1977 Construction Standards; the April 2003 Metric/English Supplemental Drawings; the 2003 Manual on Uniform Traffic Control Devices for Streets and Highways; the 1996 Construction and Traffic Standards Details; the 1968 Standard drawings for Traffic Signals and Highway Lighting, all as amended, and the specifications contained on the following pages.

**M. Successful Bidder's Personnel**

The Successful Bidder's personnel shall be adequately trained by the Successful Bidder, shall be experienced in the provision of services specified in this IFB, and shall be of good moral character. All of the Successful Bidder's employees assigned to the sites shall pass pre-employment criminal background screening.

The Successful Bidder shall provide the Town with the following information:

1. Name, business address, telephone and cell phone numbers of the president and foreman.
2. Name, address, and telephone number of all employees assigned to the sites. The Successful Bidder will update this list whenever there is a change in personnel.

The Successful Bidder shall provide services as an independent contractor with the Town of Natick and the Successful Bidder and his/her/its employees shall not be entitled to receive any benefits of employment with the Town of Natick, including without limitation salary, overtime, vacation pay, holiday pay, health insurance, life insurance, pension or deferred compensation.

**N. Environmental Conditions**

Fresh concrete shall be adequately protected from freezing, rapid hydration, heavy rains, flowing water, mechanical injury and/or vandalism. In the event of sudden rains, the Town Engineer may permit the placement of concrete already on-site or in transit, provided that the Successful Bidder has already on hand sufficient materials to properly tent or otherwise protect the work. The subgrade shall be properly protected and concrete shall not be placed in pools of water or upon frozen surfaces. Such permission, as noted above, shall in no way relax the requirements for quality and appearance of the work. Delivery of concrete to the site shall be timed to allow for finishing all work during daylight hours.



**O. Traffic Police**

Under the unit price for this bid item, the Successful Bidder shall make the necessary arrangements with the Police Department to furnish uniformed police officers for the purposes of controlling and regulating traffic in the vicinity of the project. The Successful Bidder shall sign all Police detail slips. The Successful Bidder shall pay the Police Department directly prior to being reimbursed by the Town.

**P. Monthly Price Adjustments**

Any contract awarded pursuant to this IFB shall contain a price adjustment for bituminous concrete mixtures. The base price for liquid asphalt for this work is \$ 535.00 per ton

Any contract awarded pursuant to this IFB shall contain price adjustments for diesel fuel and gasoline. The base price for diesel fuel is \$2.390 per gallon and for gasoline is \$2.060 per gallon.  
(per MassDOT 12/6/2019)

**MONTHLY PRICE ADJUSTMENTS FOR HOT MIX ASPHALT MIXTURES**

This provision applies to all projects using greater than one hundred (100) tons of hot mix asphalt (HMA) mixtures containing liquid asphalt cement as stipulated in the Form of General Bid Items section of the bid documents.

The Price Adjustment will be based on the variance in price for the liquid asphalt component only from the Base Price to the Period Price. It shall not include transportation or other charges. This Price Adjustment will occur on a monthly basis.

The Base Price of liquid asphalt on a project as listed in the Notice to Contractors section of the bid documents is a fixed price determined at the time of bid by the Department by using the same method as for the determination of the Period Price detailed below.

**Period Price**

Please note that, starting December 15, 2008, two sets of period prices will be posted each month on the Mass Highway website at <http://www.mhd.state.ma.us/>. They will be labeled "New Asphalt Period Price Method" and "Old Asphalt Period Price Method".

**New Asphalt Period Price Method**

The "New Asphalt Period Price Method" is for contracts bid after December 15, 2008 and will show the Period Price of liquid asphalt for each monthly period as determined by Mass Highway using the average selling price per standard ton of PG64-28 paving grade (primary binder classification) asphalt, FOB manufacturer's terminal, as listed under the "East Coast Market - New England, Boston, Massachusetts area" section of the Poten & Partners, Inc. "Asphalt Weekly Monitor". This average selling price is listed in the issue having a publication date of the second Friday of the month and will be posted as the Period Price for that month. Mass Highway will post this Period Price on this website within two (2) business days following

their receipt of the relevant issue of the "Asphalt Weekly Monitor". Poten and Partners has granted Mass Highway the right to publish this specific asphalt price information sourced from the Asphalt Weekly Monitor.

#### New and Old Asphalt Period Price Methods

The paragraphs below apply to both the New and the Old Asphalt Period Price Methods.

The Contract Price of the hot mix asphalt mixture will be paid under the respective item in any contract awarded pursuant to this IFB. The price adjustment, as herein provided, upwards or downwards, will be made after the work has been performed, using the monthly period price for the month during which the work was performed.

The Price Adjustment applies only to the actual virgin liquid asphalt content in the mixture placed on the job in accordance with the Standard Specifications for Highways and Bridges, Division III, Section M3.11.03.

The Price Adjustment will be a separate payment item. It will be determined by multiplying the number of tons of hot mix asphalt mixtures placed during each monthly period times the liquid asphalt content percentage times the variance in price between Base Price and Period Price of liquid asphalt.

This Price Adjustment will be paid only if the variance from the Base Price is five percent (5%) or more for a monthly period. The complete adjustment will be paid in all cases with no deduction of the 5% from either upward or downward adjustments.

No Price Adjustment will be allowed beyond the Completion Date of this Contract, unless there is an approved extension of time.

#### MONTHLY PRICE ADJUSTMENTS FOR DIESEL FUEL AND GASOLINE

This monthly fuel price adjustment is inserted in this contract because the national and worldwide energy situation has made the future cost of fuel unpredictable. This adjustment will provide for either additional compensation to the SUCCESSFUL BIDDER or repayment to the Town, depending on an increase or decrease in the average price of diesel fuel or gasoline.

This adjustment will be based on fuel usage factors for various items of work developed by the Highway Research Board in Circular 158, dated July 1974. These factors will be multiplied by the quantities of work done in each item during each monthly period and further multiplied by the variance in price from the Base Price to the Period Price.

The Base Price of Diesel Fuel and Gasoline will be the price as indicated in the Department's web site (<https://www.mass.gov/service-details/2019-massdot-contract-price-adjustments>) for the month in which the contract was bid, which includes State Tax.

The Period Price will be the average of prices charged to the State, including State Tax for the bulk purchases made during each month.

This adjustment will be effected only if the variance from the Base Price is five percent (5%) or more for a monthly period. The complete adjustment will be paid in all cases with no deduction of the 5% from either upward or downward adjustments.

No adjustment will be paid for work done beyond the extended completion date of any contract.

Any adjustment (increase or decrease) to estimated quantities made to each item at the time of final payment will have the fuel price adjustment figured at the average period price for the entire term of the project for the difference of quantity.

The fuel price adjustment will apply only to the following items of work at the fuel factors shown:

#### **ITEMS COVERED FUEL FACTORS**

Excavation: and Borrow Work: Shall apply to the corresponding Mass. Highway Payment Items 120, 120.1, 121, 123, 124, 125, 127, 129.3, 140, 140.1, 141, 142, 143, 144, 150, 150.1, 151 and 151.1

(Both Factors used)

0.29 Gallons / CY for Diesel

0.15 Gallons / CY for Gasoline

Surfacing Work:

All Items containing Hot Mix Asphalt

2.90 Gallons / Ton for Diesel

Does Not Apply for Gasoline

#### **Q. Measurement and Payment**

In general, payment will be made for CONTRACT work satisfactorily completed through the end of the previous month. The payment will include any additional work which has been completed and approved and change order work agreed upon by the OWNER and Contractor which has been completed and approved.

Each application for payment will indicate the total of a minimum 5 percent retainage held by the Owner on the total of all work completed under the contract and approved for payment to date.

Within sixty five (65) days after the effective date of Substantial Completion and receipt of an Application for Payment, the OWNER shall submit to the CONTRACTOR payment for the quantity of work completed with the following deductions:

1. A retainer of one (1%) percent of the undisputed Substantial Completion payment amount.
2. Less the estimated cost of completing all incomplete and unsatisfactory work item.

**R. Contract Term**

The term of this Contract shall commence as of the execution date of this contract and shall end on November 15, 2020. Time is of the essence in the performance of services rendered by the Contractor under this Contract. The Contractor, therefore, shall achieve final completion of the work by November 15, 2020, unless previously agreed to, in writing by the Town.

**Section 4. Bid Submission Requirements**

Each Bidder shall submit the following with his/her/its Bid:

1. A fully executed Bid Form (Appendix 1) (which shall include certification of the following:
  - A. Bidder is an established business with a minimum of five (5) years of experience in providing services related to the furnishing of roadway improvements (Bidder shall attach to the Bid Form a short statement of the status of the business, the year of incorporation/commencement, a list of any name changes, and a list of any lawsuits pending against Bidder.)
  - B. Bidder holds all applicable State and Federal permits, licenses and approvals. (Bidder shall attach to the Bid Form copies of all applicable State and Federal permits, licenses, and approvals.)
  - C. Bidder provides a Town approved Foreman, who shall be present at the work site at all times.
  - D. Bidder provides supervision of all workers performing under all Contracts held and pledges to provide such supervision under any Contract with the Town.
  - E. Bidder holds all applicable documentation and Insurance in accordance with this IFB. (Bidder shall attach to the Bid Form copies of relevant insurance certificates hereto. Nothing in this provision, however, shall eliminate the requirement that the Bidder, if chosen as the Successful Bidder, shall submit to the Town an endorsement or a rider in compliance with Section 8 of the Contract.)
  - F. Bidder shall attach to the Bid Form contact information for all clients over the last five (5) years as well as all current Contracts (contact person, address and telephone number). Bidder shall also provide a list of at least

six (6) successfully completed jobs in such time, giving the name and address of these projects.

- G. Bidder has not defaulted on any Contract within the last five (5) years.
- H. Bidder maintains a permanent place of business. (Bidder shall attach to the Bid Form the address of his/her/its business.)
- I. Bidder has adequate personnel and equipment to perform the work expeditiously. (Bidder shall also attach to the Bid Form a statement of experience of his/her/its personnel and the proposed staffing plan it shall offer in reference to the work for which Bids are sought. Bidder shall attach to the Bid Form a description of his/her/its equipment and shall explain how such equipment satisfies the requirements stated herein.)
- J. Bidder has suitable financial status to meet obligations incident to the work. Bidder shall attach to the Bid Form a financial statement that shows the Bidder's present financial status.
- K. Bidder is registered with the Secretary of the Commonwealth of Massachusetts to do business in Massachusetts. (Bidder shall attach to the Bid Form a copy of a Letter of Good Standing from the Secretary of the Commonwealth's Office.)
- L. Bidder has not failed to perform satisfactorily on Contracts of a similar nature.
- M. Bidder possesses the skill, ability and integrity necessary for the faithful performance of the work.
- N. Bidder certifies that he/she/it is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work.
- O. Bidder certifies that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least ten (10) hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee.
- P. Bidder certifies that his/her/its materials meet the specifications. (A manufacturer's certificate, certifying conformance to the above material specifications, shall be furnished to the Town by the Successful Bidder.)

2. A fully executed Certificate of Non-Collusion. (Appendix 2)
3. A fully executed Certificate of Tax Compliance. (M.G.L. c.62C, §49A) (Appendix 3)
4. A fully executed Conflict of Interest Certification. (M.G.L. c.268A) (Appendix 4)
5. A fully executed Certificate of Corporate Bidder, if applicable. (Appendix 5)
6. A fully executed Certificate of Compliance with M.G.L. c.151B. (Appendix 6)
7. A fully executed Certificate of Compliance with EEO/AA/SDO provisions. (Appendix 7)
8. A full executed Certificate of Non-Debarment. (Appendix 8)
9. A Bid Deposit in the form of a Bid bond, or cash, or a certified check on, or a treasurer's or cashier's check issued by, a responsible bank or trust company, payable to the Awarding Authority. The amount of such Bid Deposit shall be in the amount of five (5%) percent of the value of the Bid.
10. A certificate of insurability from an insurance company that is licensed to do business in the Commonwealth of Massachusetts indicating that all the provisions of the specifications can be met.
11. A letter of intent from a surety company that is licensed to do business in the Commonwealth of Massachusetts stating that the Bidder shall be able to obtain a Performance Bond in the amount of one hundred (100%) percent of the Contract Price.
12. A letter of intent from a surety company that is licensed to do business in the Commonwealth of Massachusetts stating that the Bidder shall be able to obtain a Labor and Materials Payment Bond in the amount of one hundred (100%) percent of the Contract Price.

### **Section 5. Bid Submission**

Sealed Bids marked "Town of Natick: Sealed Bid for the Furnishing of Roadway Improvements at Various Locations - 2020" shall be received by 11:00A.M., local time, March 5, 2020, at this address:

Town of Natick  
Department of Public Works  
75 West Street  
Natick, MA 01760.

Each Bidder's name, address and contact phone number shall be clearly visible from the outside of each sealed envelope. The clock in the Administration Office at the Department of Public Works shall be considered official. No late Bids shall be accepted. No faxed Bids shall be accepted. Conditional Bids will not be accepted.

Each Bid shall be submitted in accordance with the Bid Submission Requirements in order to be considered for award. Any Bid submitted shall be binding for thirty (30) days subsequent to the time of the opening of Bids.

As soon as is reasonably possible after the deadline for Bid submission, Bids will be opened in accordance with M.G.L. 30, §39M. **Bids received after that date and time will be rejected.**

### **Section 6. Selection Process and Award**

Bids submitted to the Town prior to the deadline will be reviewed by the Procurement Officer to determine compliance with the foregoing Bid Submission Requirements and this IFB.

Pursuant to M.G.L. c.30, §39M, the Town shall award, within thirty (30) days of the opening of sealed Bids, one (1) Contract, if at all, to the lowest responsible and eligible Bidder, based upon the lowest total cost to provide the required services in the Main Bid Work, who complies with the Bid Submission Requirements in Section 4 above. The award of any Contract pursuant to this IFB shall be subject to appropriation by Natick Town Meeting.

The term "lowest responsible and eligible Bidder" shall mean the Bidder: "(1) whose Bid is the lowest of those Bidders possessing the skill, ability and integrity necessary for the faithful performance of the work; (2) who shall certify that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work; (3) who shall certify that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least ten (10) hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; (4) who, where the provisions of Section 8B of Chapter 29 (of the Massachusetts General Laws (M.G.L.)) apply, shall have been determined to be qualified thereunder; and (5) who obtains within ten (10) days of the notification of Contract award the security by bond required under Section 29 of Chapter 149 (of the Massachusetts General Laws (M.G.L.)); provided that for the purposes of this section the term "security by bond" shall mean the bond of a surety company qualified to do business under the laws of the commonwealth and satisfactory to the Awarding Authority; provided further, that if there is more than one (1) surety company, the surety companies shall be jointly and severally liable". M.G.L. c.30, §39M.

Nothing in this IFB will compel the Town to award a Contract. The Town may cancel this IFB, may waive, to the extent allowed by law, any informalities, and may reject any and all Bids, if the Town, in its sole discretion, determines said action to be in the best interest of the

Town of Natick. The Town may reject as non-responsive any Bid that fails to satisfy any of the Bid Submission Requirements.)

No person or firm debarred, suspended, or otherwise prohibited from practice by any federal, state, or local agency shall be awarded a Contract.

The Successful Bidder shall provide certification of insurance coverage and shall be required to indemnify and hold the Town harmless (see below for more information).

Within ten (10) business days after notification of award of a Contract by the Town, the Successful Bidder shall furnish to the Town a Performance Bond in the amount of one hundred (100%) percent of the Contract price, with a surety company which is acceptable to the Town.

Within ten (10) business days after notification of award of Contract by the Town, the Successful Bidder shall furnish to the Town a Labor and Materials Payment Bond in the amount of one hundred (100%) percent of the Contract price, with a surety company which is acceptable to the Town.

The Successful Bidder shall, within ten (10) days after presentation thereof by the Town, execute a Contract in accordance with the terms of this IFB, in the form of the attached Contract.

The Successful Bidder who enters into a Contract with the Town shall be responsible for obtaining, at his/her/its own expense, all appropriate federal, state and local permits, licenses and approvals.

The Town may terminate any such Contract upon written notice to the Contractor if a source of money to fund the Contract is lost during the Contract term. In the alternative, the parties may agree in writing to amend any such Contract to provide for a Contract price which represents a reduced appropriation for the Contract term.

#### **Section 7. Compliance with Laws**

The Successful Bidder shall comply with all provisions of Federal, Massachusetts and Town of Natick law applicable to his/her/its work including, without limitation, statutes, by-laws, rules, regulations, orders and directives, as amended, and including, without limitation, the Williams-Steiger Occupational Safety and Health Act of 1970, as amended, and related regulations, as amended, in effect throughout the term of this Contract and any extension or renewal thereof. Without limitation, the Successful Bidder shall comply, to the extent applicable, with the provisions of Chapter 149, Section 26 to 27D of the Massachusetts General Laws, as amended. Any Contract shall be considered to include in their entirety all terms respecting workers' compensation insurance and other terms required to be included in it by Chapter 152 of the Massachusetts General Laws, as amended, and any other laws, as though such terms were set forth in their entirety herein.



### **Section 8. Insurance**

The Successful Bidder shall keep in force throughout the term of the Contract and any extension or renewal thereof the amount of insurance described in the Contract which is a part of this IFB and is incorporated herein by reference. Without limitation of other requirements of this IFB, no Contract shall be entered into by the parties unless the Successful Bidder complies with all applicable insurance requirements, including, without limitation, the required language mandating that the Town of Natick shall be named as an additional insured on the required policies of commercial general liability insurance, automobile liability insurance, and excess liability insurance, umbrella form.

### **Section 9. Indemnification**

The Successful Bidder shall assume the indemnification responsibilities described in the Contract which is a part of this IFB and is incorporated herein by reference.

### **Section 10. Performance Bond Requirements**

Within ten (10) calendar days after notification of award of any contract by the Town, the Successful Bidder shall deliver to the Town a Performance Bond, in the amount of one hundred (100%) percent of the contract price, with a surety company that is acceptable to the Town and that is licensed by the Massachusetts Division of Insurance.

### **Section 11. Labor and Materials Payment Bond Requirements**

Within ten (10) calendar days after notification of award of any contract by the Town, the Successful Bidder shall deliver to the Town a Labor and Materials Payment Bond, in the amount of one hundred (100%) percent of the contract price, with a surety company that is acceptable to the Town and that is licensed by the Massachusetts Division of Insurance.

### **Section 12. Use of Alcohol and Controlled and/or Mood Altering Substances Prohibited**

The use of alcoholic beverages, narcotics, controlled and/or mood altering substances, except for current valid, legal prescriptions, by any officer, employee, agent, or representative of the Successful Bidder is prohibited on Town of Natick property which is the subject matter of this IFB and during all hours of work under any Contract with the Town. If any officer, employee, agent, or representative of the Successful Bidder violates the foregoing provision, the Town of Natick shall have the right to order that such officer, employee, agent, or representative of the Successful Bidder shall not be permitted to return to work under any Contract with the Town. Under such circumstances, the Successful Bidder shall promptly remove the subject officer, employee, agent, or representative from the job site and shall not permit the subject officer, employee, agent, or representative to perform further work in conjunction with any Contract with the Town.

### **Section 13. No Smoking**

Pursuant to Massachusetts General Laws (M.G.L.) c. 270, §22, the Commonwealth of Massachusetts Smokefree Workplace Law, the Successful Bidder, his/her/its officers, employees, agents, and representatives shall refrain from smoking and from using tobacco products in any public building in the Town of Natick.

### **Section 14. Criminal Background Screening**

For each employee of the Successful Bidder who is performing services under any Contract, the Successful Bidder shall, subject to his/her/its confidentiality and privacy obligations owing to his/her/its employees and third parties, provide a written confirmation to the Town that such employee passed the Successful Bidder's pre-employment criminal background screen. In the event that any employee refuses to permit the Successful Bidder to provide such information to the Town, the Successful Bidder shall not assign such employee to perform services for the Town, and such employee shall not be authorized to perform services for the Town. The Town shall be permitted to keep such information in its files.

### **Section 15. Appendices**

1. Bid Form
2. Certificate of Non-Collusion
3. Certificate of Tax Compliance (M.G.L. c.62C, §49A)
4. Conflict of Interest Certification (M.G.L. c.268A)
5. Certificate of Corporate Bidder
6. Certificate of Compliance with M.G.L. c.151B
7. Certificate of Compliance with EEO/AA/SDO provisions
8. Certificate of Non-Debarment
9. Prevailing Wage Rates
10. Form of Contract

**APPENDIX 1**  
**TOWN OF NATICK**  
**BID FORM**  
*(9 pages)*

The undersigned hereby submits a sealed bid for the furnishing of Roadway Improvements at Various Locations - 2020.

Printed Name of Bidder:

\_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Bidder acknowledges receipt of Addenda \_\_\_\_One \_\_\_\_Two\_\_\_\_Three\_\_\_\_Four

The Bidder hereby pledges to deliver the complete scope of services required for the Main Bid Work, for the price shown below:

Total Price in Words:

Total Price in Numbers:

Unit Prices, which will not be directly used for purposes of award, are as shown on the following pages:

UNIT OR LUMP SUM ITEM PRICE BID IN BOTH NO. WORDS AND FIGURES	ESTIMATED QUANTITY	TOTAL IN FIGURES (UNIT PRICE TIMES ESTIMATED QUANTITY)
1A. Bit. Conc. Binder Course, per ton.  Dollars and _____ Cents (\$ _____)	5,460 Tons	\$ _____
1B. Bit. Conc. Leveling Course, per ton.  Dollars and _____ Cents (\$ _____)	680 Tons	\$ _____
1C. Bit. Conc. Top Course, per ton.  Dollars and _____ Cents (\$ _____)	6840 Tons	\$ _____
1D. Bit. Conc. Driveway Aprons, Wheelchair Ramps, & Sidewalks, per ton.  Dollars and _____ Cents (\$ _____)	740 Tons	\$ _____
1E. Trench Patch with 2.5 Inches of Binder,  Dollars and _____ Cents (\$ _____)	300 Tons	\$ _____
2. Reclaim Base Course, per square yard  Dollars and _____ Cents (\$ _____)	38,000 S.Y.	\$ _____

UNIT OR LUMP SUM ITEM PRICE BID IN BOTH NO. WORDS AND FIGURES	ESTIMATED QUANTITY	TOTAL IN FIGURES (UNIT PRICE TIMES ESTIMATED QUANTITY)
3. Single Treated Stone Chip Seal, per square yard  Dollars and _____ Cents (\$ _____)	25,680 S.Y.	\$ _____
4A. Granite Curbing Straight, Type VA4, per linear foot  Dollars and _____ Cents (\$ _____)	1,960 L.F.	\$ _____
4B. Granite Curbing Curved, Type VA4, per linear foot  Dollars and _____ Cents (\$ _____)	2,780 L.F.	\$ _____
4C. R & R Granite Curbing, per linear foot  Dollars and _____ Cents (\$ _____)	800 L.F.	\$ _____
4D. R & D Concrete Curbing Discard  Dollars and _____ Cents (\$ _____)	1,500 L.F.	\$ _____
5. Bit. Conc. Berm, per linear foot  Dollars and _____ Cents (\$ _____)	2,000 L.F.*	\$ _____

UNIT OR LUMP SUM ITEM NO.	PRICE BID IN BOTH WORDS AND FIGURES	ESTIMATED QUANTITY	TOTAL IN FIGURES (UNIT PRICE TIMES ESTIMATED QUANTITY)
6A.	Cement Conc. Sidewalks, and Wheelchair Ramps, per square yard  _____ Dollars and _____ Cents (\$ _____)	600 S.Y.	\$ _____
6B.	Cement Concrete Driveway Aprons, per square yard  _____ Dollars and _____ Cents (\$ _____)	100 S.Y. *	\$ _____
6C.	Cast in Place, 2'x 4' Tactile Warning Panels, per each  _____ Dollars and _____ Cents (\$ _____)	78 EA.	\$ _____
7A.	Adjustment Sewer & Drain Castings, per each  _____ Dollars and _____ Cents (\$ _____)	350 EA.	\$ _____
7B.	Adjustment Water Gate Box Castings, per each  _____ Dollars and _____ Cents (\$ _____)	143 EA.	\$ _____
7C.	Rebuild Sewer & Drain Structures, per vertical foot  _____ Dollars and _____ Cents (\$ _____)	90 V.F.*	\$ _____
7D.	Remodeled Sewer & Drain Structures, per each  _____ Dollars and _____ Cents (\$ _____)	20 EA.	\$ _____

UNIT OR LUMP SUM ITEM NO.	PRICE BID IN BOTH WORDS AND FIGURES	ESTIMATED QUANTITY	TOTAL IN FIGURES (UNIT PRICE TIMES ESTIMATED QUANTITY)
8.	Processed Gravel for Sub-Base, per cubic yard  Dollars and _____ Cents (\$ _____)	2,400 C.Y.	\$ _____
9A.	Earth Excavation, per cubic yard  Dollars and _____ Cents (\$ _____)	1,186 C.Y.	\$ _____
9B.	Class A Rock Excavation, per cubic yard  Dollars and _____ Cents (\$ _____)	2 C.Y. *	\$ _____
9C.	Trench Excavation, per cubic yard  Dollars and _____ Cents (\$ _____)	380 C.Y.*	\$ _____
10.	Loam & Seed Borders, per square yard  Dollars and _____ Cents (\$ _____)	16,900 S.Y.	\$ _____
11.	Calcium Chloride – Dust Control per pound  Dollars and _____ Cents (\$ _____)	8,000 LBS	\$ _____
12.	Natick Police Details, per man-hour Fifty Dollars and Zero Cents (\$50.00)	1,500 MH*	<u>\$75,000.00</u>

UNIT OR LUMP SUM ITEM NO.	PRICE BID IN BOTH WORDS AND FIGURES	ESTIMATED QUANTITY	TOTAL IN FIGURES (UNIT PRICE TIMES ESTIMATED QUANTITY)
13.	Pavement Markings 12 inch (Paint) Per linear foot  Dollars and _____ Cents (\$ _____)	1,950 L.F.	\$ _____
14.	Pavement Markings 4 inch (Paint) Per Linear Foot  Dollars and _____ Cents (\$ _____)	5,000 L.F.	\$ _____
15.	Traffic Controls for Construction Lump Sum  Dollars and _____ Cents (\$ _____)	L.S.	\$ _____
16.	Modified Catch Basin (30" diameter)  Dollars and _____ Cents (\$ _____)	3 EA.	\$ _____
17A.	Catch Basin Frame and Grate*  Dollars and _____ Cents (\$ _____)	10 EA.*	\$ _____
17B.	Manhole Frame and Cover  Dollars and _____ Cents (\$ _____)	10 EA.*	\$ _____
18	6' wide Vertical Granite Throatstone type VB 4  Dollars and _____ Cents (\$ _____)	10 EA.*	\$ _____

\* Item Not Anticipated Or Quantity Assumed, Values Used For Comparison of Bids.





Bidder certifies as follows:

- A. Bidder is an established business with a minimum of five (5) years of experience in providing services related to the furnishing of roadway improvements (Bidder shall attach to the Bid Form a short statement of the status of the business, the year of incorporation/commencement, a list of any name changes, and a list of any lawsuits pending against Bidder.)
- B. Bidder holds all applicable State and Federal permits, licenses and approvals. (Bidder shall attach to the Bid Form copies of all applicable State and Federal permits, licenses, and approvals.)
- C. Bidder provides a Town approved Foreman, who shall be present at the work site at all times.
- D. Bidder provides supervision of all workers performing under all Contracts held and pledges to provide such supervision under any Contract with the Town.
- E. Bidder holds all applicable documentation and Insurance in accordance with this IFB. (Bidder shall attach to the Bid Form copies of relevant insurance certificates hereto. Nothing in this provision, however, shall eliminate the requirement that the Bidder, if chosen as the Successful Bidder, shall submit to the Town an endorsement or a rider in compliance with Section 8 of the Contract.)
- F. Bidder shall attach to the Bid Form contact information for all clients over the last five (5) years as well as all current Contracts (contact person, address and telephone number). Bidder shall also provide a list of at least six (6) successfully completed jobs in such time, giving the name and address of these projects.
- G. Bidder has not defaulted on any Contract within the last five (5) years.
- H. Bidder maintains a permanent place of business. (Bidder shall attach to the Bid Form the address of his/her/its business.)
- I. Bidder has adequate personnel and equipment to perform the work expeditiously. (Bidder shall also attach to the Bid Form a statement of experience of his/her/its personnel and the proposed staffing plan it shall offer in reference to the work for which Bids are sought. Bidder shall attach to the Bid Form a description of his/her/its equipment and shall explain how such equipment satisfies the requirements stated herein.)

- J. Bidder has suitable financial status to meet obligations incident to the work. (Bidder shall attach to the Bid Form a financial statement that shows the Bidder's present financial status).
- K. Bidder is registered with the Secretary of the Commonwealth of Massachusetts to do business in Massachusetts. (Bidder shall attach to the Bid Form a copy of a Letter of Good Standing from the Secretary of the Commonwealth's Office.)
- L. Bidder has not failed to perform satisfactorily on Contracts of a similar nature.
- M. Bidder possesses the skill, ability and integrity necessary for the faithful performance of the work.
- N. Bidder certifies that he/she/it is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work.
- O. Bidder certifies that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least ten (10) hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee.
- P. Bidder certifies that his/her/its materials meet the specifications. (A manufacturer's certificate, certifying conformance to the above material specifications, shall be furnished to the Town by the Successful Bidder.)

The Bidder understands that, pursuant to M.G.L. c.30, §39M, the Town shall award, within thirty (30) days of the opening of sealed Bids, one (1) Contract, if at all, to the lowest responsible and eligible Bidder, based upon the lowest total cost to provide the required services in the Main Bid Work, who complies with the Bid Submission Requirements in Section 4 above. The award of any Contract pursuant to this IFB shall be subject to appropriation by Natick Town Meeting.

The Bidder agrees that, if he/she/it is the Successful Bidder, he/she/it will within ten (10) days after presentation thereof by the Awarding Authority, execute a Contract in accordance with the terms of this Bid and furnish a Performance Bond and a Labor and Materials Payment Bond, each with a surety company qualified to do business under the laws of the Commonwealth of Massachusetts and satisfactory to the Awarding Authority in the amount of one hundred percent (100%) of the Contract price, the premiums for which are to be paid by the Successful Bidder and are included in the Contract price; provided, however, that if there is more than one (1) surety company, the surety companies shall be jointly and severally liable.

The undersigned certifies under the penalties of perjury that this Bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth of Massachusetts under the provisions of section twenty-nine F of chapter twenty-nine, or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

The Bidder agrees that all Bid specifications and Contract specifications are hereto made part of any Contract executed with the Town and are binding on the Successful Bidder.

Authorized Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Title

\_\_\_\_\_  
Date

If a Corporation:  
Full Legal Name

\_\_\_\_\_  
Officers of Corporation and Addresses

\_\_\_\_\_  
State of Incorporation \_\_\_\_\_

Principal Place of Business \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone Number \_\_\_\_\_

Qualified in Massachusetts Yes \_\_\_\_\_ No \_\_\_\_\_

Principal Place of Business in Massachusetts

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone Number \_\_\_\_\_

Full Legal Name of Surety Company

\_\_\_\_\_

Principal Place of Business of Surety Company

\_\_\_\_\_

\_\_\_\_\_

Telephone Number \_\_\_\_\_

Admitted in Massachusetts Yes \_\_\_\_\_ No \_\_\_\_\_

Place of Business in Massachusetts

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone Number \_\_\_\_\_

**Appendix 2**  
**CERTIFICATE OF NON-COLLUSION**

The undersigned certifies, under penalties of perjury, that this Bid has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club or other organization, entity, or group of individuals.

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Address of Bidder

\_\_\_\_\_  
Telephone Number

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Title

\_\_\_\_\_  
Date

**Appendix 3**  
**CERTIFICATE OF TAX COMPLIANCE**

Pursuant to Massachusetts General Laws (M.G.L.) c.62C, §49A, I certify under the penalties of perjury that the Bidder named below has complied with all laws of the Commonwealth of Massachusetts pertaining to the payment of taxes, to the reporting of employees and contractors, and to the withholding and remitting of child support.

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Address of Bidder

\_\_\_\_\_  
Telephone Number

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Title

\_\_\_\_\_  
Date

**Appendix 4**  
**CONFLICT OF INTEREST CERTIFICATION**

The Bidder hereby certifies that:

1. The Bidder has not given, offered, or agreed to give any gift, contribution, or offer of employment as an inducement for, or in connection with, the award of a Contract pursuant to this Invitation for Bids.
2. No consultant to, or subcontractor for, the Bidder has given, offered, or agreed to give any gift, contribution, or offer of employment to the Bidder, or to any other person, corporation, or entity as an inducement for, or in connection with, the award to the consultant or subcontractor of a Contract by the Bidder.
3. No person, corporation, or other entity, other than a bona fide full time employee of the Bidder has been retained or hired to solicit for or in any way assist the Bidder in obtaining the Contract (pursuant to this IFB) upon an agreement or understanding that such person, corporation or entity be paid a fee or other compensation contingent upon the award of a Contract to the Bidder.
4. The Bidder understands that the Massachusetts Conflict of Interest Law, Chapter 268A of the Massachusetts General Laws, applies to the Bidder with respect to the transaction outlined in the IFB.
5. The Bidder understands that the Bidder, his/her/its officers, employees, agents, subcontractors, and affiliated entities, shall not participate in any activity which constitutes a violation of the Massachusetts Conflict of Interest Law or which creates an appearance of a violation of the Massachusetts Conflict of Interest Law.

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Address of Bidder

\_\_\_\_\_  
Telephone Number

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Title

\_\_\_\_\_  
Date



**Appendix 5**  
**CERTIFICATE OF CORPORATE BIDDER**

I, \_\_\_\_\_, certify that I am the Clerk of the Corporation named as Bidder in the attached Bid Form; that \_\_\_\_\_, who signed said Bid on behalf of the Bidder was then \_\_\_\_\_ of said Corporation and was duly authorized to sign said Bid Form; and that I know his/her signature thereto is genuine.

(Corporate Seal)

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Address of Bidder

\_\_\_\_\_  
Telephone Number

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Title

\_\_\_\_\_  
Date

This Certificate shall be completed where Bidder is a Corporation and shall be so completed by its Clerk. In the event that the Clerk is the person signing the Bidder on behalf of the Corporation, this Certificate shall be completed by another officer of the Corporation.

**Appendix 6**  
**CERTIFICATE OF COMPLIANCE WITH M.G.L. c.151B**

The Bidder hereby certifies that it is in compliance with and shall remain in compliance with Massachusetts General Laws (M.G.L.) Chapter 151B and shall not discriminate on any prohibited basis outlined therein.

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Address of Bidder

\_\_\_\_\_  
Telephone Number

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Title

\_\_\_\_\_  
Date

**Appendix 7**

**CERTIFICATE OF COMPLIANCE WITH APPLICABLE EEO/AA/SDO PROVISIONS**

The Bidder hereby certifies that it shall comply with all applicable minority workforce percentage ratio and specific affirmative action steps contained in any EEO/AA provisions of this Contract, including, without limitation any imposed by the Massachusetts Supplier Diversity Office (SDO).

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Address of Bidder

\_\_\_\_\_  
Telephone Number

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Title

\_\_\_\_\_  
Date

**Appendix 8**  
**CERTIFICATE OF NON-DEBARMENT**

The Bidder hereby certifies that it is presently not debarred, suspended, or otherwise prohibited from practice by any federal, state, or local agency, and that, should any proceeding arise in which it is debarred, suspended, or otherwise prohibited from practice by any federal, state, or local agency, the Bidder shall inform the Town of Natick within one (1) business day of such debarment, suspension, or prohibition from practice.

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Address of Bidder

\_\_\_\_\_  
Telephone Number

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Title

\_\_\_\_\_  
Date

**Appendix 9**  
**PREVAILING WAGE RATES**  
**(SEE ATTACHED DOCUMENT.)**



CHARLES D. BAKER  
Governor

KARYN E. POLITO  
Lt. Governor

THE COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT  
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the  
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

ROSALIN ACOSTA  
Secretary

MICHAEL FLANAGAN  
Interim Director

Awarding Authority: Town of Natick, Massachusetts  
Contract Number: City/Town: NATICK  
Description of Work: Invitation for Bids Roadway Improvements Various Locations 2020 Natick, MA 01760

Job Location: Various Locations, Natick, MA 01760

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Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

- This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the "Wage Request Number" on all pages of this schedule.
- An Awarding Authority must request an updated wage schedule from the Department of Labor Standards ("DLS") if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule. For CM AT RISK projects (bid pursuant to G.L. c.149A), the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work must be within 90-days of the wage schedule issuance date.
- The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. The wage schedule shall be made a part of the contract awarded for the project. The wage schedule must be posted in a conspicuous place at the work site for the life of the project in accordance with M.G.L. c. 149 § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project whether they are employed by the prime contractor, a filed sub-bidder, or any sub-contractor.
- All apprentices working on the project are required to be registered with the Massachusetts Department of Labor Standards, Division of Apprentice Standards (DLS/DAS). Apprentice must keep his/her apprentice identification card on his/her person during all work hours on the project. An apprentice registered with DAS may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. **Any apprentice not registered with DLS/DAS regardless of whether or not they are registered with any other federal, state, local, or private agency must be paid the journeyworker's rate for the trade.**
- The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule. Awarding authorities are required to request these updates no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. For multi-year CM AT RISK projects, awarding authority must request an annual update no later than two weeks before the anniversary date, determined as the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to permit procurement of construction services. Contractors are required to obtain the wage schedules from awarding authorities, and to pay no less than these rates to covered workers. The annual update requirement is not applicable to 27F "rental of equipment" contracts.
- Every contractor or subcontractor which performs construction work on the project is required to submit weekly payroll reports and a Statement of Compliance directly to the awarding authority by mail or email and keep them on file for three years. Each weekly payroll report must contain: the employee's name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. A sample of a payroll reporting form may be obtained at <http://www.mass.gov/dols/pw>.
- Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at (617) 626-6953.
- Employees not receiving the prevailing wage rate set forth on the wage schedule may report the violation to the Fair Labor Division of the office of the Attorney General at (617) 727-3465.
- Failure of a contractor or subcontractor to pay the prevailing wage rates listed on the wage schedule to all employees who perform construction work on the project is a violation of the law and subjects the contractor or subcontractor to civil and criminal penalties.

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Issue Date: 02/05/2020

Wage Request Number: 20200205-069

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
<b>Construction</b>						
(2 AXLE) DRIVER - EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2019	\$34.25	\$12.41	\$13.72	\$0.00	\$60.38
	06/01/2020	\$35.15	\$12.41	\$13.72	\$0.00	\$61.28
	08/01/2020	\$35.15	\$12.91	\$13.72	\$0.00	\$61.78
	12/01/2020	\$35.15	\$12.91	\$14.82	\$0.00	\$62.88
	06/01/2021	\$35.95	\$12.91	\$14.82	\$0.00	\$63.68
	08/01/2021	\$35.95	\$13.41	\$14.82	\$0.00	\$64.18
	12/01/2021	\$35.95	\$13.41	\$16.01	\$0.00	\$65.37
(3 AXLE) DRIVER - EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2019	\$34.32	\$12.41	\$13.72	\$0.00	\$60.45
	06/01/2020	\$35.22	\$12.41	\$13.72	\$0.00	\$61.35
	08/01/2020	\$35.22	\$12.91	\$13.72	\$0.00	\$61.85
	12/01/2020	\$35.22	\$12.91	\$14.82	\$0.00	\$62.95
	06/01/2021	\$36.02	\$12.91	\$14.82	\$0.00	\$63.75
	08/01/2021	\$36.02	\$13.41	\$14.82	\$0.00	\$64.25
	12/01/2021	\$36.02	\$13.41	\$16.01	\$0.00	\$65.44
(4 & 5 AXLE) DRIVER - EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2019	\$34.44	\$12.41	\$13.72	\$0.00	\$60.57
	06/01/2020	\$35.34	\$12.41	\$13.72	\$0.00	\$61.47
	08/01/2020	\$35.34	\$12.91	\$13.72	\$0.00	\$61.97
	12/01/2020	\$35.34	\$12.91	\$14.82	\$0.00	\$63.07
	06/01/2021	\$36.14	\$12.91	\$14.82	\$0.00	\$63.87
	08/01/2021	\$36.14	\$13.41	\$14.82	\$0.00	\$64.37
	12/01/2021	\$36.14	\$13.41	\$16.01	\$0.00	\$65.56
ADS/SUBMERSIBLE PILOT PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2019	\$102.78	\$9.90	\$21.15	\$0.00	\$133.83
For apprentice rates see "Apprentice- PILE DRIVER"						
AIR TRACK OPERATOR LABORERS - ZONE 2	12/01/2019	\$34.81	\$8.10	\$15.38	\$0.00	\$58.29
	06/01/2020	\$35.70	\$8.10	\$15.38	\$0.00	\$59.18
	12/01/2020	\$36.59	\$8.10	\$15.38	\$0.00	\$60.07
	06/01/2021	\$37.51	\$8.10	\$15.38	\$0.00	\$60.99
	12/01/2021	\$38.42	\$8.10	\$15.38	\$0.00	\$61.90
For apprentice rates see "Apprentice- LABORER"						
ASBESTOS REMOVER - PIPE / MECH. EQUIPT. HEAT & FROST INSULATORS LOCAL 6 (BOSTON)	12/01/2019	\$37.00	\$12.50	\$8.85	\$0.00	\$58.35
	06/01/2020	\$38.00	\$12.50	\$8.85	\$0.00	\$59.35
	12/01/2020	\$39.00	\$12.50	\$8.85	\$0.00	\$60.35
ASPHALT RAKER LABORERS - ZONE 2	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
	12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40
For apprentice rates see "Apprentice- LABORER"						
ASPHALT/CONCRETE/CRUSHER PLANT-ON SITE OPERATING ENGINEERS LOCAL 4	12/01/2019	\$48.73	\$12.50	\$15.70	\$0.00	\$76.93
	06/01/2020	\$49.83	\$12.50	\$15.70	\$0.00	\$78.03
	12/01/2020	\$50.98	\$12.50	\$15.70	\$0.00	\$79.18
	06/01/2021	\$52.08	\$12.50	\$15.70	\$0.00	\$80.28
	12/01/2021	\$53.23	\$12.50	\$15.70	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
BACKHOE/FRONT-END LOADER OPERATING ENGINEERS LOCAL 4	12/01/2019	\$48.73	\$12.50	\$15.70	\$0.00	\$76.93
	06/01/2020	\$49.83	\$12.50	\$15.70	\$0.00	\$78.03
	12/01/2020	\$50.98	\$12.50	\$15.70	\$0.00	\$79.18
	06/01/2021	\$52.08	\$12.50	\$15.70	\$0.00	\$80.28
	12/01/2021	\$53.23	\$12.50	\$15.70	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BARCO-TYPE JUMPING TAMPER LABORERS - ZONE 2	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
	12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40
For apprentice rates see "Apprentice- LABORER"						
BLOCK PAVER, RAMMER / CURB SETTER LABORERS - ZONE 2	12/01/2019	\$34.81	\$8.10	\$15.38	\$0.00	\$58.29
	06/01/2020	\$35.70	\$8.10	\$15.38	\$0.00	\$59.18
	12/01/2020	\$36.59	\$8.10	\$15.38	\$0.00	\$60.07
	06/01/2021	\$37.51	\$8.10	\$15.38	\$0.00	\$60.99
	12/01/2021	\$38.42	\$8.10	\$15.38	\$0.00	\$61.90
For apprentice rates see "Apprentice- LABORER"						
BOILER MAKER BOILERMAKERS LOCAL 29	01/01/2020	\$46.10	\$7.07	\$17.98	\$0.00	\$71.15

Apprentice - BOILERMAKER - Local 29  
Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	65	\$29.97	\$7.07	\$11.69	\$0.00	\$48.73
2	65	\$29.97	\$7.07	\$11.69	\$0.00	\$48.73
3	70	\$32.27	\$7.07	\$12.59	\$0.00	\$51.93
4	75	\$34.58	\$7.07	\$13.49	\$0.00	\$55.14
5	80	\$36.88	\$7.07	\$14.38	\$0.00	\$58.33
6	85	\$39.19	\$7.07	\$15.29	\$0.00	\$61.55
7	90	\$41.49	\$7.07	\$16.18	\$0.00	\$64.74
8	95	\$43.80	\$7.07	\$17.09	\$0.00	\$67.96

Notes:

Apprentice to Journeyworker Ratio:1:4

BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING) BRICKLAYERS LOCAL 3 (LOWELL)	02/01/2020	\$52.26	\$10.75	\$21.30	\$0.00	\$84.31
	08/01/2020	\$53.61	\$10.75	\$21.45	\$0.00	\$85.81
	02/01/2021	\$54.21	\$10.75	\$21.45	\$0.00	\$86.41
	08/01/2021	\$55.61	\$10.75	\$21.61	\$0.00	\$87.97
	02/01/2022	\$56.19	\$10.75	\$21.61	\$0.00	\$88.55



**Classification**

Effective Date    Base Wage    Health    Pension    Supplemental Unemployment    Total Rate

**Apprentice - BRICK/PLASTER/CEMENT MASON - Local 3 Lowell**

Effective Date - 02/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.13	\$10.75	\$21.30	\$0.00	\$58.18
2	60	\$31.36	\$10.75	\$21.30	\$0.00	\$63.41
3	70	\$36.58	\$10.75	\$21.30	\$0.00	\$68.63
4	80	\$41.81	\$10.75	\$21.30	\$0.00	\$73.86
5	90	\$47.03	\$10.75	\$21.30	\$0.00	\$79.08

Effective Date - 08/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.81	\$10.75	\$21.45	\$0.00	\$59.01
2	60	\$32.17	\$10.75	\$21.45	\$0.00	\$64.37
3	70	\$37.53	\$10.75	\$21.45	\$0.00	\$69.73
4	80	\$42.89	\$10.75	\$21.45	\$0.00	\$75.09
5	90	\$48.25	\$10.75	\$21.45	\$0.00	\$80.45

Notes:

Apprentice to Journeyworker Ratio:1:5

**BULLDOZER/GRADER/SCRAPER  
OPERATING ENGINEERS LOCAL 4**

12/01/2019	\$48.23	\$12.50	\$15.70	\$0.00	\$76.43
06/01/2020	\$49.31	\$12.50	\$15.70	\$0.00	\$77.51
12/01/2020	\$50.45	\$12.50	\$15.70	\$0.00	\$78.65
06/01/2021	\$51.54	\$12.50	\$15.70	\$0.00	\$79.74
12/01/2021	\$52.68	\$12.50	\$15.70	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

**CAISSON & UNDERPINNING BOTTOM MAN  
LABORERS - FOUNDATION AND MARINE**

12/01/2019	\$40.25	\$8.10	\$16.80	\$0.00	\$65.15
06/01/2020	\$41.24	\$8.10	\$16.80	\$0.00	\$66.14
12/01/2020	\$42.22	\$8.10	\$16.80	\$0.00	\$67.12
06/01/2021	\$43.24	\$8.10	\$16.80	\$0.00	\$68.14
12/01/2021	\$44.25	\$8.10	\$16.80	\$0.00	\$69.15

For apprentice rates see "Apprentice- LABORER"

**CAISSON & UNDERPINNING LABORER  
LABORERS - FOUNDATION AND MARINE**

12/01/2019	\$39.10	\$8.10	\$16.80	\$0.00	\$64.00
06/01/2020	\$40.09	\$8.10	\$16.80	\$0.00	\$64.99
12/01/2020	\$41.07	\$8.10	\$16.80	\$0.00	\$65.97
06/01/2021	\$42.09	\$8.10	\$16.80	\$0.00	\$66.99
12/01/2021	\$43.10	\$8.10	\$16.80	\$0.00	\$68.00

For apprentice rates see "Apprentice- LABORER"

**CAISSON & UNDERPINNING TOP MAN  
LABORERS - FOUNDATION AND MARINE**

12/01/2019	\$39.10	\$8.10	\$16.80	\$0.00	\$64.00
06/01/2020	\$40.09	\$8.10	\$16.80	\$0.00	\$64.99
12/01/2020	\$41.07	\$8.10	\$16.80	\$0.00	\$65.97
06/01/2021	\$42.09	\$8.10	\$16.80	\$0.00	\$66.99
12/01/2021	\$43.10	\$8.10	\$16.80	\$0.00	\$68.00

For apprentice rates see "Apprentice- LABORER"

Issue Date: 02/05/2020

Wage Request Number: 20200205-069

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CARBIDE CORE DRILL OPERATOR LABORERS - ZONE 2	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
	12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40

For apprentice rates see "Apprentice- LABORER"

#### CARPENTER

CARPENTERS -ZONE 2 (Eastern Massachusetts)

09/01/2019	\$41.90	\$9.40	\$18.95	\$0.00	\$70.25
03/01/2020	\$42.50	\$9.40	\$18.95	\$0.00	\$70.85
09/01/2020	\$43.15	\$9.40	\$18.95	\$0.00	\$71.50
03/01/2021	\$43.75	\$9.40	\$18.95	\$0.00	\$72.10
09/01/2021	\$44.40	\$9.40	\$18.95	\$0.00	\$72.75
03/01/2022	\$45.00	\$9.40	\$18.95	\$0.00	\$73.35
09/01/2022	\$45.65	\$9.40	\$18.95	\$0.00	\$74.00
03/01/2023	\$46.25	\$9.40	\$18.95	\$0.00	\$74.60

#### Apprentice - CARPENTER - Zone 2 Eastern MA

Effective Date - 09/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.95	\$9.40	\$1.73	\$0.00	\$32.08
2	60	\$25.14	\$9.40	\$1.73	\$0.00	\$36.27
3	70	\$29.33	\$9.40	\$13.76	\$0.00	\$52.49
4	75	\$31.43	\$9.40	\$13.76	\$0.00	\$54.59
5	80	\$33.52	\$9.40	\$15.49	\$0.00	\$58.41
6	80	\$33.52	\$9.40	\$15.49	\$0.00	\$58.41
7	90	\$37.71	\$9.40	\$17.22	\$0.00	\$64.33
8	90	\$37.71	\$9.40	\$17.22	\$0.00	\$64.33

Effective Date - 03/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.25	\$9.40	\$1.73	\$0.00	\$32.38
2	60	\$25.50	\$9.40	\$1.73	\$0.00	\$36.63
3	70	\$29.75	\$9.40	\$13.76	\$0.00	\$52.91
4	75	\$31.88	\$9.40	\$13.76	\$0.00	\$55.04
5	80	\$34.00	\$9.40	\$15.49	\$0.00	\$58.89
6	80	\$34.00	\$9.40	\$15.49	\$0.00	\$58.89
7	90	\$38.25	\$9.40	\$17.22	\$0.00	\$64.87
8	90	\$38.25	\$9.40	\$17.22	\$0.00	\$64.87

#### Notes:

% Indentured After 10/1/17; 45/45/55/55/70/70/80/80  
Step 1&2 \$29.99/ 3&4 \$35.85/ 5&6 \$54.22/ 7&8 \$60.14

Apprentice to Journeyworker Ratio:1:5

#### CARPENTER WOOD FRAME CARPENTERS -ZONE 2 (Wood Frame)

All Aspects of New Wood Frame Work

10/01/2019	\$27.95	\$7.07	\$7.86	\$0.00	\$42.88
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Issue Date: 02/05/2020

Wage Request Number: 20200205-069

Classification

Effective Date    Base Wage    Health    Pension    Supplemental  
Unemployment    Total Rate

**Apprentice - CARPENTER (Wood Frame) - Zone 2**

Effective Date - 10/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$16.77	\$7.07	\$0.00	\$0.00	\$23.84
2	60	\$16.77	\$7.07	\$0.00	\$0.00	\$23.84
3	65	\$18.17	\$7.07	\$7.86	\$0.00	\$33.10
4	70	\$19.57	\$7.07	\$7.86	\$0.00	\$34.50
5	75	\$20.96	\$7.07	\$7.86	\$0.00	\$35.89
6	80	\$22.36	\$7.07	\$7.86	\$0.00	\$37.29
7	85	\$23.76	\$7.07	\$7.86	\$0.00	\$38.69
8	90	\$25.16	\$7.07	\$7.86	\$0.00	\$40.09

**Notes:**

% Indentured After 10/1/17; 45/45/55/55/70/70/80/80

Step 1&2 \$19.65/ 3&4 \$27.19/ 5&6 \$34.50/ 7&8 \$37.29

Apprentice to Journeyworker Ratio:1:5

CEMENT MASONRY/PLASTERING BRICKLAYERS LOCAL 3 (LOWELL)	01/01/2020	\$45.23	\$12.75	\$22.41	\$0.62	\$81.01
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**Apprentice - CEMENT MASONRY/PLASTERING - Lowell**

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.62	\$12.75	\$15.41	\$0.00	\$50.78
2	60	\$27.14	\$12.75	\$17.41	\$0.62	\$57.92
3	65	\$29.40	\$12.75	\$18.41	\$0.62	\$61.18
4	70	\$31.66	\$12.75	\$19.41	\$0.62	\$64.44
5	75	\$33.92	\$12.75	\$20.41	\$0.62	\$67.70
6	80	\$36.18	\$12.75	\$21.41	\$0.62	\$70.96
7	90	\$40.71	\$12.75	\$22.41	\$0.62	\$76.49

**Notes:**

Steps 3,4 are 500 hrs. All other steps are 1,000 hrs.

Apprentice to Journeyworker Ratio:1:3

CHAIN SAW OPERATOR LABORERS - ZONE 2	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
	12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40

For apprentice rates see "Apprentice- LABORER"

CLAM SHELLS/SLURRY BUCKETS/HEADING MACHINES OPERATING ENGINEERS LOCAL 4	12/01/2019	\$49.73	\$12.50	\$15.70	\$0.00	\$77.93
	06/01/2020	\$50.83	\$12.50	\$15.70	\$0.00	\$79.03
	12/01/2020	\$51.98	\$12.50	\$15.70	\$0.00	\$80.18
	06/01/2021	\$53.08	\$12.50	\$15.70	\$0.00	\$81.28
	12/01/2021	\$54.23	\$12.50	\$15.70	\$0.00	\$82.43

Issue Date: 02/05/2020

Wage Request Number: 20200205-069

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
COMPRESSOR OPERATOR	12/01/2019	\$32.47	\$12.50	\$15.70	\$0.00	\$60.67
OPERATING ENGINEERS LOCAL 4	06/01/2020	\$33.22	\$12.50	\$15.70	\$0.00	\$61.42
	12/01/2020	\$34.00	\$12.50	\$15.70	\$0.00	\$62.20
	06/01/2021	\$34.75	\$12.50	\$15.70	\$0.00	\$62.95
	12/01/2021	\$35.54	\$12.50	\$15.70	\$0.00	\$63.74
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
DELEADER (BRIDGE)	01/01/2020	\$50.96	\$8.20	\$22.10	\$0.00	\$81.26
PAINTERS LOCAL 35 - ZONE 2	07/01/2020	\$52.06	\$8.20	\$22.10	\$0.00	\$82.36
	01/01/2021	\$53.16	\$8.20	\$22.10	\$0.00	\$83.46

**Apprentice - PAINTER Local 35 - BRIDGES/TANKS**

Effective Date - 01/01/2020		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent					
1	50	\$25.48	\$8.20	\$0.00	\$0.00	\$33.68
2	55	\$28.03	\$8.20	\$5.94	\$0.00	\$42.17
3	60	\$30.58	\$8.20	\$6.48	\$0.00	\$45.26
4	65	\$33.12	\$8.20	\$7.02	\$0.00	\$48.34
5	70	\$35.67	\$8.20	\$18.86	\$0.00	\$62.73
6	75	\$38.22	\$8.20	\$19.40	\$0.00	\$65.82
7	80	\$40.77	\$8.20	\$19.94	\$0.00	\$68.91
8	90	\$45.86	\$8.20	\$21.02	\$0.00	\$75.08

Effective Date - 07/01/2020		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent					
1	50	\$26.03	\$8.20	\$0.00	\$0.00	\$34.23
2	55	\$28.63	\$8.20	\$5.94	\$0.00	\$42.77
3	60	\$31.24	\$8.20	\$6.48	\$0.00	\$45.92
4	65	\$33.84	\$8.20	\$7.02	\$0.00	\$49.06
5	70	\$36.44	\$8.20	\$18.86	\$0.00	\$63.50
6	75	\$39.05	\$8.20	\$19.40	\$0.00	\$66.65
7	80	\$41.65	\$8.20	\$19.94	\$0.00	\$69.79
8	90	\$46.85	\$8.20	\$21.02	\$0.00	\$76.07

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

DEMO: ADZEMAN	12/01/2019	\$39.30	\$8.10	\$16.60	\$0.00	\$64.00
LABORERS - ZONE 2						
For apprentice rates see "Apprentice- LABORER"						
DEMO: BACKHOE/LOADER/HAMMER OPERATOR	12/01/2019	\$40.30	\$8.10	\$16.60	\$0.00	\$65.00
LABORERS - ZONE 2						
For apprentice rates see "Apprentice- LABORER"						
DEMO: BURNERS	12/01/2019	\$40.05	\$8.10	\$16.60	\$0.00	\$64.75
LABORERS - ZONE 2						
For apprentice rates see "Apprentice- LABORER"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DEMO: CONCRETE CUTTER/SAWYER LABORERS - ZONE 2	12/01/2019	\$40.30	\$8.10	\$16.60	\$0.00	\$65.00
For apprentice rates see "Apprentice- LABORER"						
DEMO: JACKHAMMER OPERATOR LABORERS - ZONE 2	12/01/2019	\$40.05	\$8.10	\$16.60	\$0.00	\$64.75
For apprentice rates see "Apprentice- LABORER"						
DEMO: WRECKING LABORER LABORERS - ZONE 2	12/01/2019	\$39.30	\$8.10	\$16.60	\$0.00	\$64.00
For apprentice rates see "Apprentice- LABORER"						
DIRECTIONAL DRILL MACHINE OPERATOR OPERATING ENGINEERS LOCAL 4	12/01/2019	\$48.23	\$12.50	\$15.70	\$0.00	\$76.43
	06/01/2020	\$49.31	\$12.50	\$15.70	\$0.00	\$77.51
	12/01/2020	\$50.45	\$12.50	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.54	\$12.50	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.68	\$12.50	\$15.70	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
DIVER PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2019	\$68.52	\$9.90	\$21.15	\$0.00	\$99.57
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2019	\$48.94	\$9.90	\$21.15	\$0.00	\$79.99
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER (EFFLUENT) PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2019	\$73.41	\$9.90	\$21.15	\$0.00	\$104.46
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER/SLURRY (EFFLUENT) PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2019	\$102.78	\$9.90	\$21.15	\$0.00	\$133.83
For apprentice rates see "Apprentice- PILE DRIVER"						
DRAWBRIDGE OPERATOR (Construction) ELECTRICIANS LOCAL 103	09/01/2019	\$53.01	\$13.00	\$18.94	\$0.00	\$84.95
	03/01/2020	\$53.50	\$13.00	\$19.20	\$0.00	\$85.70
	09/01/2020	\$54.93	\$13.00	\$19.25	\$0.00	\$87.18
	03/01/2021	\$56.13	\$13.00	\$19.28	\$0.00	\$88.41
	09/01/2021	\$57.56	\$13.00	\$19.33	\$0.00	\$89.89
	03/01/2022	\$58.76	\$13.00	\$19.36	\$0.00	\$91.12
	09/01/2022	\$60.19	\$13.00	\$19.41	\$0.00	\$92.60
	03/01/2023	\$61.39	\$13.00	\$19.44	\$0.00	\$93.83
For apprentice rates see "Apprentice- ELECTRICIAN"						
ELECTRICIAN ELECTRICIANS LOCAL 103	09/01/2019	\$53.01	\$13.00	\$18.94	\$0.00	\$84.95
	03/01/2020	\$53.50	\$13.00	\$19.20	\$0.00	\$85.70
	09/01/2020	\$54.93	\$13.00	\$19.25	\$0.00	\$87.18
	03/01/2021	\$56.13	\$13.00	\$19.28	\$0.00	\$88.41
	09/01/2021	\$57.56	\$13.00	\$19.33	\$0.00	\$89.89
	03/01/2022	\$58.76	\$13.00	\$19.36	\$0.00	\$91.12
	09/01/2022	\$60.19	\$13.00	\$19.41	\$0.00	\$92.60
	03/01/2023	\$61.39	\$13.00	\$19.44	\$0.00	\$93.83

**Classification**

Effective Date    Base Wage    Health    Pension    Supplemental  
Unemployment    Total Rate

**Apprentice - ELECTRICIAN - Local 103**

Effective Date - 09/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$21.20	\$13.00	\$0.64	\$0.00	\$34.84
2	40	\$21.20	\$13.00	\$0.64	\$0.00	\$34.84
3	45	\$23.85	\$13.00	\$14.37	\$0.00	\$51.22
4	45	\$23.85	\$13.00	\$14.37	\$0.00	\$51.22
5	50	\$26.51	\$13.00	\$14.79	\$0.00	\$54.30
6	55	\$29.16	\$13.00	\$15.20	\$0.00	\$57.36
7	60	\$31.81	\$13.00	\$15.61	\$0.00	\$60.42
8	65	\$34.46	\$13.00	\$16.03	\$0.00	\$63.49
9	70	\$37.11	\$13.00	\$16.44	\$0.00	\$66.55
10	75	\$39.76	\$13.00	\$16.86	\$0.00	\$69.62

Effective Date - 03/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$21.40	\$13.00	\$0.64	\$0.00	\$35.04
2	40	\$21.40	\$13.00	\$0.64	\$0.00	\$35.04
3	45	\$24.08	\$13.00	\$14.62	\$0.00	\$51.70
4	45	\$24.08	\$13.00	\$14.62	\$0.00	\$51.70
5	50	\$26.75	\$13.00	\$15.04	\$0.00	\$54.79
6	55	\$29.43	\$13.00	\$15.46	\$0.00	\$57.89
7	60	\$32.10	\$13.00	\$15.87	\$0.00	\$60.97
8	65	\$34.78	\$13.00	\$16.29	\$0.00	\$64.07
9	70	\$37.45	\$13.00	\$16.70	\$0.00	\$67.15
10	75	\$40.13	\$13.00	\$17.12	\$0.00	\$70.25

Notes: :  
App Prior 1/1/03; 30/35/40/45/50/55/65/70/75/80

Apprentice to Journeyworker Ratio:2:3\*\*\*

ELEVATOR CONSTRUCTOR  
ELEVATOR CONSTRUCTORS LOCAL 4

01/01/2020	\$61.42	\$15.73	\$18.41	\$0.00	\$95.56
01/01/2021	\$63.47	\$15.88	\$19.31	\$0.00	\$98.66
01/01/2022	\$65.62	\$16.03	\$20.21	\$0.00	\$101.86

Issue Date: 02/05/2020

Wage Request Number: 20200205-069

**Classification**

**Effective Date    Base Wage    Health    Pension    Supplemental Unemployment    Total Rate**

**Apprentice - ELEVATOR CONSTRUCTOR - Local 4**

**Effective Date - 01/01/2020**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$30.71	\$15.73	\$0.00	\$0.00	\$46.44
2	55	\$33.78	\$15.73	\$18.41	\$0.00	\$67.92
3	65	\$39.92	\$15.73	\$18.41	\$0.00	\$74.06
4	70	\$42.99	\$15.73	\$18.41	\$0.00	\$77.13
5	80	\$49.14	\$15.73	\$18.41	\$0.00	\$83.28

**Effective Date - 01/01/2021**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$31.74	\$15.88	\$0.00	\$0.00	\$47.62
2	55	\$34.91	\$15.88	\$19.31	\$0.00	\$70.10
3	65	\$41.26	\$15.88	\$19.31	\$0.00	\$76.45
4	70	\$44.43	\$15.88	\$19.31	\$0.00	\$79.62
5	80	\$50.78	\$15.88	\$19.31	\$0.00	\$85.97

**Notes:**

Steps 1-2 are 6 mos.; Steps 3-5 are 1 year

**Apprentice to Journeyworker Ratio:1:1**

<b>ELEVATOR CONSTRUCTOR HELPER</b>	01/01/2020	\$42.99	\$15.73	\$18.41	\$0.00	\$77.13
<b>ELEVATOR CONSTRUCTORS LOCAL 4</b>	01/01/2021	\$44.43	\$15.88	\$19.31	\$0.00	\$79.62
	01/01/2022	\$45.93	\$16.03	\$20.21	\$0.00	\$82.17

For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"

<b>FENCE &amp; GUARD RAIL ERECTOR</b>	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
<b>LABORERS - ZONE 2</b>	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
	12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40

For apprentice rates see "Apprentice- LABORER"

<b>FIELD ENG.INST.PERSON-BLDG,SITE,HVY/HWY</b>	11/01/2019	\$44.18	\$12.00	\$15.60	\$0.00	\$71.78
<b>OPERATING ENGINEERS LOCAL 4</b>	05/01/2020	\$45.33	\$12.00	\$15.60	\$0.00	\$72.93
	11/01/2020	\$46.33	\$12.00	\$15.60	\$0.00	\$73.93
	05/01/2021	\$47.48	\$12.00	\$15.60	\$0.00	\$75.08
	11/01/2021	\$48.48	\$12.00	\$15.60	\$0.00	\$76.08
	05/01/2022	\$49.63	\$12.00	\$15.60	\$0.00	\$77.23

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

<b>FIELD ENG.PARTY CHIEF-BLDG,SITE,HVY/HWY</b>	11/01/2019	\$45.68	\$12.00	\$15.60	\$0.00	\$73.28
<b>OPERATING ENGINEERS LOCAL 4</b>	05/01/2020	\$46.83	\$12.00	\$15.60	\$0.00	\$74.43
	11/01/2020	\$47.84	\$12.00	\$15.60	\$0.00	\$75.44
	05/01/2021	\$49.00	\$12.00	\$15.60	\$0.00	\$76.60
	11/01/2021	\$50.01	\$12.00	\$15.60	\$0.00	\$77.61
	05/01/2022	\$51.17	\$12.00	\$15.60	\$0.00	\$78.77

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

**Issue Date: 02/05/2020**

**Wage Request Number: 20200205-069**

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FIELD ENG. ROD PERSON-BLDG, SITE, HVY/HWY OPERATING ENGINEERS LOCAL 4	11/01/2019	\$22.57	\$12.00	\$15.60	\$0.00	\$50.17
	05/01/2020	\$23.24	\$12.00	\$15.60	\$0.00	\$50.84
	11/01/2020	\$23.83	\$12.00	\$15.60	\$0.00	\$51.43
	05/01/2021	\$24.51	\$12.00	\$15.60	\$0.00	\$52.11
	11/01/2021	\$25.11	\$12.00	\$15.60	\$0.00	\$52.71
	05/01/2022	\$25.78	\$12.00	\$15.60	\$0.00	\$53.38
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FIRE ALARM INSTALLER ELECTRICIANS LOCAL 103	09/01/2019	\$53.01	\$13.00	\$18.94	\$0.00	\$84.95
	03/01/2020	\$53.50	\$13.00	\$19.20	\$0.00	\$85.70
	09/01/2020	\$54.93	\$13.00	\$19.25	\$0.00	\$87.18
	03/01/2021	\$56.13	\$13.00	\$19.28	\$0.00	\$88.41
	09/01/2021	\$57.56	\$13.00	\$19.33	\$0.00	\$89.89
	03/01/2022	\$58.76	\$13.00	\$19.36	\$0.00	\$91.12
	09/01/2022	\$60.19	\$13.00	\$19.41	\$0.00	\$92.60
	03/01/2023	\$61.39	\$13.00	\$19.44	\$0.00	\$93.83
For apprentice rates see "Apprentice- ELECTRICIAN"						
FIRE ALARM REPAIR / MAINTENANCE / COMMISSIONING ELECTRICIANS LOCAL 103	09/01/2019	\$39.76	\$13.00	\$16.86	\$0.00	\$69.62
	03/01/2020	\$40.13	\$13.00	\$17.12	\$0.00	\$70.25
	09/01/2020	\$41.20	\$13.00	\$17.16	\$0.00	\$71.36
	03/01/2021	\$42.66	\$13.00	\$17.27	\$0.00	\$72.93
	09/01/2021	\$44.32	\$13.00	\$17.38	\$0.00	\$74.70
	03/01/2022	\$45.83	\$13.00	\$17.49	\$0.00	\$76.32
	09/01/2022	\$47.55	\$13.00	\$17.62	\$0.00	\$78.17
	03/01/2023	\$49.11	\$13.00	\$17.73	\$0.00	\$79.84
For apprentice rates see "Apprentice- TELECOMMUNICATIONS TECHNICIAN"						
FIREMAN (ASST. ENGINEER) OPERATING ENGINEERS LOCAL 4	12/01/2019	\$39.89	\$12.50	\$15.70	\$0.00	\$68.09
	06/01/2020	\$40.80	\$12.50	\$15.70	\$0.00	\$69.00
	12/01/2020	\$41.75	\$12.50	\$15.70	\$0.00	\$69.95
	06/01/2021	\$42.66	\$12.50	\$15.70	\$0.00	\$70.86
	12/01/2021	\$43.61	\$12.50	\$15.70	\$0.00	\$71.81
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FLAGGER & SIGNALER LABORERS - ZONE 2	12/01/2019	\$23.50	\$8.10	\$15.38	\$0.00	\$46.98
	06/01/2020	\$23.50	\$8.10	\$15.38	\$0.00	\$46.98
	12/01/2020	\$24.50	\$8.10	\$15.38	\$0.00	\$47.98
	06/01/2021	\$24.50	\$8.10	\$15.38	\$0.00	\$47.98
	12/01/2021	\$24.50	\$8.10	\$15.38	\$0.00	\$47.98
For apprentice rates see "Apprentice- LABORER"						
FLOORCOVERER FLOORCOVERERS LOCAL 2168 ZONE 1	09/01/2019	\$46.25	\$9.40	\$19.25	\$0.00	\$74.90
	03/01/2020	\$47.05	\$9.40	\$19.25	\$0.00	\$75.70
	09/01/2020	\$47.85	\$9.40	\$19.25	\$0.00	\$76.50
	03/01/2021	\$48.65	\$9.40	\$19.25	\$0.00	\$77.30
	09/01/2021	\$49.45	\$9.40	\$19.25	\$0.00	\$78.10
	03/01/2022	\$50.25	\$9.40	\$19.25	\$0.00	\$78.90



**Classification**

**Apprentice - FLOORCOVERER - Local 2168 Zone 1**

Effective Date - 09/01/2019		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent					
1	50	\$23.13	\$9.40	\$1.79	\$0.00	\$34.32
2	55	\$25.44	\$9.40	\$1.79	\$0.00	\$36.63
3	60	\$27.75	\$9.40	\$13.88	\$0.00	\$51.03
4	65	\$30.06	\$9.40	\$13.88	\$0.00	\$53.34
5	70	\$32.38	\$9.40	\$15.67	\$0.00	\$57.45
6	75	\$34.69	\$9.40	\$15.67	\$0.00	\$59.76
7	80	\$37.00	\$9.40	\$17.46	\$0.00	\$63.86
8	85	\$39.31	\$9.40	\$17.46	\$0.00	\$66.17

**Effective Date - 03/01/2020**

Effective Date - 03/01/2020		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent					
1	50	\$23.53	\$9.40	\$1.79	\$0.00	\$34.72
2	55	\$25.88	\$9.40	\$1.79	\$0.00	\$37.07
3	60	\$28.23	\$9.40	\$13.88	\$0.00	\$51.51
4	65	\$30.58	\$9.40	\$13.88	\$0.00	\$53.86
5	70	\$32.94	\$9.40	\$15.67	\$0.00	\$58.01
6	75	\$35.29	\$9.40	\$15.67	\$0.00	\$60.36
7	80	\$37.64	\$9.40	\$17.46	\$0.00	\$64.50
8	85	\$39.99	\$9.40	\$17.46	\$0.00	\$66.85

Notes: Steps are 750 hrs.  
% After 09/1/17; 45/45/55/55/70/70/80/80 (1500hr Steps)  
Step 1&2 \$32.00/ 3&4 \$38.36/ 5&6 \$57.45/ 7&8 \$63.86

Apprentice to Journeyworker Ratio:1:1

**FORK LIFT/CHERRY PICKER  
OPERATING ENGINEERS LOCAL 4**

12/01/2019	\$48.73	\$12.50	\$15.70	\$0.00	\$76.93
06/01/2020	\$49.83	\$12.50	\$15.70	\$0.00	\$78.03
12/01/2020	\$50.98	\$12.50	\$15.70	\$0.00	\$79.18
06/01/2021	\$52.08	\$12.50	\$15.70	\$0.00	\$80.28
12/01/2021	\$53.23	\$12.50	\$15.70	\$0.00	\$81.43

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

**GENERATOR/LIGHTING PLANT/HEATERS  
OPERATING ENGINEERS LOCAL 4**

12/01/2019	\$32.47	\$12.50	\$15.70	\$0.00	\$60.67
06/01/2020	\$33.22	\$12.50	\$15.70	\$0.00	\$61.42
12/01/2020	\$34.00	\$12.50	\$15.70	\$0.00	\$62.20
06/01/2021	\$34.75	\$12.50	\$15.70	\$0.00	\$62.95
12/01/2021	\$35.54	\$12.50	\$15.70	\$0.00	\$63.74

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

**GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR  
SYSTEMS)  
GLAZIERS LOCAL 35 (ZONE 2)**

01/01/2020	\$40.46	\$8.20	\$22.10	\$0.00	\$70.76
07/01/2020	\$41.56	\$8.20	\$22.10	\$0.00	\$71.86
01/01/2021	\$42.66	\$8.20	\$22.10	\$0.00	\$72.96

Issue Date: 02/05/2020

Wage Request Number: 20200205-069

**Classification**

		Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
<b>Apprentice - GLAZIER - Local 35 Zone 2</b>							
<b>Effective Date - 01/01/2020</b>							
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	50	\$20.23	\$8.20	\$0.00	\$0.00	\$28.43	
2	55	\$22.25	\$8.20	\$5.94	\$0.00	\$36.39	
3	60	\$24.28	\$8.20	\$6.48	\$0.00	\$38.96	
4	65	\$26.30	\$8.20	\$7.02	\$0.00	\$41.52	
5	70	\$28.32	\$8.20	\$18.86	\$0.00	\$55.38	
6	75	\$30.35	\$8.20	\$19.40	\$0.00	\$57.95	
7	80	\$32.37	\$8.20	\$19.94	\$0.00	\$60.51	
8	90	\$36.41	\$8.20	\$21.02	\$0.00	\$65.63	

		Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
<b>Effective Date - 07/01/2020</b>							
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	50	\$20.78	\$8.20	\$0.00	\$0.00	\$28.98	
2	55	\$22.86	\$8.20	\$5.94	\$0.00	\$37.00	
3	60	\$24.94	\$8.20	\$6.48	\$0.00	\$39.62	
4	65	\$27.01	\$8.20	\$7.02	\$0.00	\$42.23	
5	70	\$29.09	\$8.20	\$18.86	\$0.00	\$56.15	
6	75	\$31.17	\$8.20	\$19.40	\$0.00	\$58.77	
7	80	\$33.25	\$8.20	\$19.94	\$0.00	\$61.39	
8	90	\$37.40	\$8.20	\$21.02	\$0.00	\$66.62	

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

**HOISTING ENGINEER/CRANES/GRADALLS**  
**OPERATING ENGINEERS LOCAL 4**

12/01/2019	\$48.73	\$12.50	\$15.70	\$0.00	\$76.93
06/01/2020	\$49.83	\$12.50	\$15.70	\$0.00	\$78.03
12/01/2020	\$50.98	\$12.50	\$15.70	\$0.00	\$79.18
06/01/2021	\$52.08	\$12.50	\$15.70	\$0.00	\$80.28
12/01/2021	\$53.23	\$12.50	\$15.70	\$0.00	\$81.43

**Issue Date:** 02/05/2020

**Wage Request Number:** 20200205-069

Classification

		Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - OPERATING ENGINEERS - Local 4							
Effective Date - 12/01/2019							
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	55	\$26.80	\$12.50	\$0.00	\$0.00	\$39.30	
2	60	\$29.24	\$12.50	\$15.70	\$0.00	\$57.44	
3	65	\$31.67	\$12.50	\$15.70	\$0.00	\$59.87	
4	70	\$34.11	\$12.50	\$15.70	\$0.00	\$62.31	
5	75	\$36.55	\$12.50	\$15.70	\$0.00	\$64.75	
6	80	\$38.98	\$12.50	\$15.70	\$0.00	\$67.18	
7	85	\$41.42	\$12.50	\$15.70	\$0.00	\$69.62	
8	90	\$43.86	\$12.50	\$15.70	\$0.00	\$72.06	

Effective Date - 06/01/2020					Supplemental	
Step	percent	Apprentice Base Wage	Health	Pension	Unemployment	Total Rate
1	55	\$27.41	\$12.50	\$0.00	\$0.00	\$39.91
2	60	\$29.90	\$12.50	\$15.70	\$0.00	\$58.10
3	65	\$32.39	\$12.50	\$15.70	\$0.00	\$60.59
4	70	\$34.88	\$12.50	\$15.70	\$0.00	\$63.08
5	75	\$37.37	\$12.50	\$15.70	\$0.00	\$65.57
6	80	\$39.86	\$12.50	\$15.70	\$0.00	\$68.06
7	85	\$42.36	\$12.50	\$15.70	\$0.00	\$70.56
8	90	\$44.85	\$12.50	\$15.70	\$0.00	\$73.05

Notes:

Apprentice to Journeyworker Ratio:1:6

HVAC (DUCTWORK)	02/01/2020	\$49.36	\$13.35	\$24.12	\$2.61	\$89.44
SHEETMETAL WORKERS LOCAL 17 - A	08/01/2020	\$50.96	\$13.35	\$24.12	\$2.66	\$91.09
	02/01/2021	\$52.61	\$13.35	\$24.12	\$2.71	\$92.79
	08/01/2021	\$54.36	\$13.35	\$24.12	\$2.76	\$94.59
	02/01/2022	\$56.11	\$13.35	\$24.12	\$2.81	\$96.39

For apprentice rates see "Apprentice- SHEET METAL WORKER"

HVAC (ELECTRICAL CONTROLS)	09/01/2019	\$53.01	\$13.00	\$18.94	\$0.00	\$84.95
ELECTRICIANS LOCAL 103	03/01/2020	\$53.50	\$13.00	\$19.20	\$0.00	\$85.70
	09/01/2020	\$54.93	\$13.00	\$19.25	\$0.00	\$87.18
	03/01/2021	\$56.13	\$13.00	\$19.28	\$0.00	\$88.41
	09/01/2021	\$57.56	\$13.00	\$19.33	\$0.00	\$89.89
	03/01/2022	\$58.76	\$13.00	\$19.36	\$0.00	\$91.12
	09/01/2022	\$60.19	\$13.00	\$19.41	\$0.00	\$92.60
	03/01/2023	\$61.39	\$13.00	\$19.44	\$0.00	\$93.83

For apprentice rates see "Apprentice- ELECTRICIAN"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HVAC (TESTING AND BALANCING - AIR) SHEETMETAL WORKERS LOCAL 17 - A	02/01/2020	\$49.36	\$13.35	\$24.12	\$2.61	\$89.44
	08/01/2020	\$50.96	\$13.35	\$24.12	\$2.66	\$91.09
	02/01/2021	\$52.61	\$13.35	\$24.12	\$2.71	\$92.79
	08/01/2021	\$54.36	\$13.35	\$24.12	\$2.76	\$94.59
	02/01/2022	\$56.11	\$13.35	\$24.12	\$2.81	\$96.39
For apprentice rates see "Apprentice- SHEET METAL WORKER"						
HVAC (TESTING AND BALANCING -WATER) PIPEFITTERS LOCAL 537	09/01/2019	\$54.69	\$10.95	\$19.74	\$0.00	\$85.38
	03/01/2020	\$56.19	\$10.95	\$19.74	\$0.00	\$86.88
	09/01/2020	\$57.69	\$10.95	\$19.74	\$0.00	\$88.38
	03/01/2021	\$59.19	\$10.95	\$19.74	\$0.00	\$89.88
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HVAC MECHANIC PIPEFITTERS LOCAL 537	09/01/2019	\$54.69	\$10.95	\$19.74	\$0.00	\$85.38
	03/01/2020	\$56.19	\$10.95	\$19.74	\$0.00	\$86.88
	09/01/2020	\$57.69	\$10.95	\$19.74	\$0.00	\$88.38
	03/01/2021	\$59.19	\$10.95	\$19.74	\$0.00	\$89.88
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HYDRAULIC DRILLS LABORERS - ZONE 2	12/01/2019	\$34.81	\$8.10	\$15.38	\$0.00	\$58.29
	06/01/2020	\$35.70	\$8.10	\$15.38	\$0.00	\$59.18
	12/01/2020	\$36.59	\$8.10	\$15.38	\$0.00	\$60.07
	06/01/2021	\$37.51	\$8.10	\$15.38	\$0.00	\$60.99
	12/01/2021	\$38.42	\$8.10	\$15.38	\$0.00	\$61.90
For apprentice rates see "Apprentice- LABORER"						
INSULATOR (PIPES & TANKS) HEAT & FROST INSULATORS LOCAL 6 (BOSTON)	09/01/2019	\$48.44	\$12.80	\$16.40	\$0.00	\$77.64

**Apprentice - ASBESTOS INSULATOR (Pipes & Tanks) - Local 6 Boston**

Effective Date - 09/01/2019		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent					
1	50	\$24.22	\$12.80	\$11.90	\$0.00	\$48.92
2	60	\$29.06	\$12.80	\$12.80	\$0.00	\$54.66
3	70	\$33.91	\$12.80	\$13.70	\$0.00	\$60.41
4	80	\$38.75	\$12.80	\$14.60	\$0.00	\$66.15

**Notes:**

Steps are 1 year

Apprentice to Journeyworker Ratio:1:4

IRONWORKER/WELDER IRONWORKERS LOCAL 7 (BOSTON AREA)	03/16/2019	\$46.66	\$8.00	\$23.50	\$0.00	\$78.16
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**Classification**

**Apprentice - IRONWORKER - Local 7 Boston**

**Effective Date - 03/16/2019**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
					\$0.00	\$59.50
1	60	\$28.00	\$8.00	\$23.50	\$0.00	\$64.16
2	70	\$32.66	\$8.00	\$23.50	\$0.00	\$66.50
3	75	\$35.00	\$8.00	\$23.50	\$0.00	\$68.83
4	80	\$37.33	\$8.00	\$23.50	\$0.00	\$71.16
5	85	\$39.66	\$8.00	\$23.50	\$0.00	\$73.49
6	90	\$41.99	\$8.00	\$23.50	\$0.00	

**Notes:**

\*\* Structural 1:6; Ornamental 1:4

**Apprentice to Journeyworker Ratio:\*\***

**JACKHAMMER & PAVING BREAKER OPERATOR**  
**LABORERS - ZONE 2**

12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40

For apprentice rates see "Apprentice- LABORER"

**LABORER**  
**LABORERS - ZONE 2**

12/01/2019	\$34.06	\$8.10	\$15.38	\$0.00	\$57.54
06/01/2020	\$34.95	\$8.10	\$15.38	\$0.00	\$58.43
12/01/2020	\$35.84	\$8.10	\$15.38	\$0.00	\$59.32
06/01/2021	\$36.76	\$8.10	\$15.38	\$0.00	\$60.24
12/01/2021	\$37.67	\$8.10	\$15.38	\$0.00	\$61.15

**Apprentice - LABORER - Zone 2**

**Effective Date - 12/01/2019**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
					\$0.00	\$43.92
1	60	\$20.44	\$8.10	\$15.38	\$0.00	\$47.32
2	70	\$23.84	\$8.10	\$15.38	\$0.00	\$50.73
3	80	\$27.25	\$8.10	\$15.38	\$0.00	\$54.13
4	90	\$30.65	\$8.10	\$15.38	\$0.00	

**Effective Date - 06/01/2020**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
					\$0.00	\$44.45
1	60	\$20.97	\$8.10	\$15.38	\$0.00	\$47.95
2	70	\$24.47	\$8.10	\$15.38	\$0.00	\$51.44
3	80	\$27.96	\$8.10	\$15.38	\$0.00	\$54.94
4	90	\$31.46	\$8.10	\$15.38	\$0.00	

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

**Issue Date: 02/05/2020**

**Wage Request Number: 20200205-069**

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER: CARPENTER TENDER LABORERS - ZONE 2	12/01/2019	\$34.06	\$8.10	\$15.38	\$0.00	\$57.54
	06/01/2020	\$34.95	\$8.10	\$15.38	\$0.00	\$58.43
	12/01/2020	\$35.84	\$8.10	\$15.38	\$0.00	\$59.32
	06/01/2021	\$36.76	\$8.10	\$15.38	\$0.00	\$60.24
	12/01/2021	\$37.67	\$8.10	\$15.38	\$0.00	\$61.15
For apprentice rates see "Apprentice- LABORER"						
LABORER: CEMENT FINISHER TENDER LABORERS - ZONE 2	12/01/2019	\$34.06	\$8.10	\$15.38	\$0.00	\$57.54
	06/01/2020	\$34.95	\$8.10	\$15.38	\$0.00	\$58.43
	12/01/2020	\$35.84	\$8.10	\$15.38	\$0.00	\$59.32
	06/01/2021	\$36.76	\$8.10	\$15.38	\$0.00	\$60.24
	12/01/2021	\$37.67	\$8.10	\$15.38	\$0.00	\$61.15
For apprentice rates see "Apprentice- LABORER"						
LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER LABORERS - ZONE 2	12/01/2019	\$34.15	\$8.10	\$15.44	\$0.00	\$57.69
	06/01/2020	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	12/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	06/01/2021	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	12/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
For apprentice rates see "Apprentice- LABORER"						
LABORER: MASON TENDER LABORERS - ZONE 2	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
	12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40
For apprentice rates see "Apprentice- LABORER"						
LABORER: MULTI-TRADE TENDER LABORERS - ZONE 2	12/01/2019	\$34.06	\$8.10	\$15.38	\$0.00	\$57.54
	06/01/2020	\$34.95	\$8.10	\$15.38	\$0.00	\$58.43
	12/01/2020	\$35.84	\$8.10	\$15.38	\$0.00	\$59.32
	06/01/2021	\$36.76	\$8.10	\$15.38	\$0.00	\$60.24
	12/01/2021	\$37.67	\$8.10	\$15.38	\$0.00	\$61.15
For apprentice rates see "Apprentice- LABORER"						
LABORER: TREE REMOVER LABORERS - ZONE 2	12/01/2019	\$34.06	\$8.10	\$15.38	\$0.00	\$57.54
	06/01/2020	\$34.95	\$8.10	\$15.38	\$0.00	\$58.43
	12/01/2020	\$35.84	\$8.10	\$15.38	\$0.00	\$59.32
	06/01/2021	\$36.76	\$8.10	\$15.38	\$0.00	\$60.24
	12/01/2021	\$37.67	\$8.10	\$15.38	\$0.00	\$61.15
This classification applies to all tree work associated with the removal of standing trees, and trimming and removal of branches and limbs when the work is not done for a utility company for the purpose of operation, maintenance or repair of utility company equipment. For apprentice rates see "Apprentice- LABORER"						
LASER BEAM OPERATOR LABORERS - ZONE 2	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
	12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40
For apprentice rates see "Apprentice- LABORER"						
MARBLE & TILE FINISHERS BRICKLAYERS LOCAL 3 - MARBLE & TILE	02/01/2020	\$41.49	\$10.75	\$20.12	\$0.00	\$72.36
	08/01/2020	\$42.57	\$10.75	\$20.27	\$0.00	\$73.59
	02/01/2021	\$43.08	\$10.75	\$20.27	\$0.00	\$74.10
	08/01/2021	\$44.20	\$10.75	\$20.43	\$0.00	\$75.38
	02/01/2022	\$44.67	\$10.75	\$20.43	\$0.00	\$75.85

Classification

Effective Date    Base Wage    Health    Pension    Supplemental Unemployment    Total Rate

**Apprentice - MARBLE & TILE FINISHER - Local 3 Marble & Tile**

Effective Date - 02/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.75	\$10.75	\$20.12	\$0.00	\$51.62
2	60	\$24.89	\$10.75	\$20.12	\$0.00	\$55.76
3	70	\$29.04	\$10.75	\$20.12	\$0.00	\$59.91
4	80	\$33.19	\$10.75	\$20.12	\$0.00	\$64.06
5	90	\$37.34	\$10.75	\$20.12	\$0.00	\$68.21

Effective Date - 08/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.29	\$10.75	\$20.27	\$0.00	\$52.31
2	60	\$25.54	\$10.75	\$20.27	\$0.00	\$56.56
3	70	\$29.80	\$10.75	\$20.27	\$0.00	\$60.82
4	80	\$34.06	\$10.75	\$20.27	\$0.00	\$65.08
5	90	\$38.31	\$10.75	\$20.27	\$0.00	\$69.33

Notes:

Apprentice to Journeyworker Ratio:1:3

MARBLE MASONS, TILELAYERS & TERRAZZO MECH  
BRICKLAYERS LOCAL 3 - MARBLE & TILE

02/01/2020	\$54.42	\$10.75	\$21.93	\$0.00	\$87.10
08/01/2020	\$55.77	\$10.75	\$22.08	\$0.00	\$88.60
02/01/2021	\$56.41	\$10.75	\$22.08	\$0.00	\$89.24
08/01/2021	\$57.81	\$10.75	\$22.24	\$0.00	\$90.80
02/01/2022	\$58.38	\$10.75	\$22.24	\$0.00	\$91.37

Issue Date: 02/05/2020

Wage Request Number: 20200205-069

Classification

Effective Date    Base Wage    Health    Pension    Supplemental  
Unemployment    Total Rate

Apprentice - MARBLE-TILE-TERRAZZO MECHANIC - Local 3 Marble & Tile

Effective Date - 02/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$27.21	\$10.75	\$21.93	\$0.00	\$59.89
2	60	\$32.65	\$10.75	\$21.93	\$0.00	\$65.33
3	70	\$38.09	\$10.75	\$21.93	\$0.00	\$70.77
4	80	\$43.54	\$10.75	\$21.93	\$0.00	\$76.22
5	90	\$48.98	\$10.75	\$21.93	\$0.00	\$81.66

Effective Date - 08/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$27.89	\$10.75	\$22.08	\$0.00	\$60.72
2	60	\$33.46	\$10.75	\$22.08	\$0.00	\$66.29
3	70	\$39.04	\$10.75	\$22.08	\$0.00	\$71.87
4	80	\$44.62	\$10.75	\$22.08	\$0.00	\$77.45
5	90	\$50.19	\$10.75	\$22.08	\$0.00	\$83.02

Notes:

Apprentice to Journeyworker Ratio:1:5

MECH. SWEEPER OPERATOR (ON CONST. SITES)  
OPERATING ENGINEERS LOCAL 4

12/01/2019	\$48.23	\$12.50	\$15.70	\$0.00	\$76.43
06/01/2020	\$49.31	\$12.50	\$15.70	\$0.00	\$77.51
12/01/2020	\$50.45	\$12.50	\$15.70	\$0.00	\$78.65
06/01/2021	\$51.54	\$12.50	\$15.70	\$0.00	\$79.74
12/01/2021	\$52.68	\$12.50	\$15.70	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MECHANICS MAINTENANCE  
OPERATING ENGINEERS LOCAL 4

12/01/2019	\$48.23	\$12.50	\$15.70	\$0.00	\$76.43
06/01/2020	\$49.31	\$12.50	\$15.70	\$0.00	\$77.51
12/01/2020	\$50.45	\$12.50	\$15.70	\$0.00	\$78.65
06/01/2021	\$51.54	\$12.50	\$15.70	\$0.00	\$79.74
12/01/2021	\$52.68	\$12.50	\$15.70	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MILLWRIGHT (Zone 2)  
MILLWRIGHTS LOCAL 1121 - Zone 2

04/01/2019	\$38.87	\$9.90	\$18.50	\$0.00	\$67.27
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Issue Date: 02/05/2020

Wage Request Number: 20200205-069



Classification

Effective Date    Base Wage    Health    Pension    Supplemental  
Unemployment    Total Rate

Apprentice - *MILLWRIGHT - Local 1121 Zone 2*

Effective Date - 04/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$21.38	\$9.90	\$5.31	\$0.00	\$36.59
2	65	\$25.27	\$9.90	\$15.13	\$0.00	\$50.30
3	75	\$29.15	\$9.90	\$16.10	\$0.00	\$55.15
4	85	\$33.04	\$9.90	\$17.06	\$0.00	\$60.00

Notes:

Steps are 2,000 hours

Apprentice to Journeyworker Ratio:1:5

MORTAR MIXER  
LABORERS - ZONE 2

12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40

For apprentice rates see "Apprentice- LABORER"

OILER (OTHER THAN TRUCK CRANES,GRADALLS)  
OPERATING ENGINEERS LOCAL 4

12/01/2019	\$23.08	\$12.50	\$15.70	\$0.00	\$51.28
06/01/2020	\$23.63	\$12.50	\$15.70	\$0.00	\$51.83
12/01/2020	\$24.20	\$12.50	\$15.70	\$0.00	\$52.40
06/01/2021	\$24.75	\$12.50	\$15.70	\$0.00	\$52.95
12/01/2021	\$25.33	\$12.50	\$15.70	\$0.00	\$53.53

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OILER (TRUCK CRANES, GRADALLS)  
OPERATING ENGINEERS LOCAL 4

12/01/2019	\$27.64	\$12.50	\$15.70	\$0.00	\$55.84
06/01/2020	\$28.29	\$12.50	\$15.70	\$0.00	\$56.49
12/01/2020	\$28.97	\$12.50	\$15.70	\$0.00	\$57.17
06/01/2021	\$29.61	\$12.50	\$15.70	\$0.00	\$57.81
12/01/2021	\$30.29	\$12.50	\$15.70	\$0.00	\$58.49

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OTHER POWER DRIVEN EQUIPMENT - CLASS II  
OPERATING ENGINEERS LOCAL 4

12/01/2019	\$48.23	\$12.50	\$15.70	\$0.00	\$76.43
06/01/2020	\$49.31	\$12.50	\$15.70	\$0.00	\$77.51
12/01/2020	\$50.45	\$12.50	\$15.70	\$0.00	\$78.65
06/01/2021	\$51.54	\$12.50	\$15.70	\$0.00	\$79.74
12/01/2021	\$52.68	\$12.50	\$15.70	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

PAINTER (BRIDGES/TANKS)  
PAINTERS LOCAL 35 - ZONE 2

01/01/2020	\$50.96	\$8.20	\$22.10	\$0.00	\$81.26
07/01/2020	\$52.06	\$8.20	\$22.10	\$0.00	\$82.36
01/01/2021	\$53.16	\$8.20	\$22.10	\$0.00	\$83.46

Issue Date: 02/05/2020

Wage Request Number: 20200205-069

**Classification**

Effective Date    Base Wage    Health    Pension    Supplemental  
Unemployment    Total Rate

**Apprentice - PAINTER Local 35 - BRIDGES/TANKS**

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.48	\$8.20	\$0.00	\$0.00	\$33.68
2	55	\$28.03	\$8.20	\$5.94	\$0.00	\$42.17
3	60	\$30.58	\$8.20	\$6.48	\$0.00	\$45.26
4	65	\$33.12	\$8.20	\$7.02	\$0.00	\$48.34
5	70	\$35.67	\$8.20	\$18.86	\$0.00	\$62.73
6	75	\$38.22	\$8.20	\$19.40	\$0.00	\$65.82
7	80	\$40.77	\$8.20	\$19.94	\$0.00	\$68.91
8	90	\$45.86	\$8.20	\$21.02	\$0.00	\$75.08

Effective Date - 07/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.03	\$8.20	\$0.00	\$0.00	\$34.23
2	55	\$28.63	\$8.20	\$5.94	\$0.00	\$42.77
3	60	\$31.24	\$8.20	\$6.48	\$0.00	\$45.92
4	65	\$33.84	\$8.20	\$7.02	\$0.00	\$49.06
5	70	\$36.44	\$8.20	\$18.86	\$0.00	\$63.50
6	75	\$39.05	\$8.20	\$19.40	\$0.00	\$66.65
7	80	\$41.65	\$8.20	\$19.94	\$0.00	\$69.79
8	90	\$46.85	\$8.20	\$21.02	\$0.00	\$76.07

**Notes:**

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SIGN, PICTORIAL & DISPLAY)  
PAINTERS LOCAL 35 - ZONE 2

06/01/2013    \$25.81    \$7.07    \$7.05    \$0.00    \$39.93

Issue Date: 02/05/2020

Wage Request Number: 20200205-069

Classification

		Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - PAINTER SIGN - Local 35 Zone 2							
Effective Date - 06/01/2013							
Step	percent		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50		\$12.91	\$7.07	\$0.00	\$0.00	\$19.98
2	55		\$14.20	\$7.07	\$2.45	\$0.00	\$23.72
3	60		\$15.49	\$7.07	\$2.45	\$0.00	\$25.01
4	65		\$16.78	\$7.07	\$2.45	\$0.00	\$26.30
5	70		\$18.07	\$7.07	\$7.05	\$0.00	\$32.19
6	75		\$19.36	\$7.07	\$7.05	\$0.00	\$33.48
7	80		\$20.65	\$7.07	\$7.05	\$0.00	\$34.77
8	85		\$21.94	\$7.07	\$7.05	\$0.00	\$36.06
9	90		\$23.23	\$7.07	\$7.05	\$0.00	\$37.35

Notes:

Steps are 4 mos.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	01/01/2020	\$41.86	\$8.20	\$22.10	\$0.00	\$72.16
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 2	07/01/2020	\$42.96	\$8.20	\$22.10	\$0.00	\$73.26
	01/01/2021	\$44.06	\$8.20	\$22.10	\$0.00	\$74.36

Classification

Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - PAINTER Local 35 Zone 2 - Spray/Sandblast - New

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.93	\$8.20	\$0.00	\$0.00	\$29.13
2	55	\$23.02	\$8.20	\$5.94	\$0.00	\$37.16
3	60	\$25.12	\$8.20	\$6.48	\$0.00	\$39.80
4	65	\$27.21	\$8.20	\$7.02	\$0.00	\$42.43
5	70	\$29.30	\$8.20	\$18.86	\$0.00	\$56.36
6	75	\$31.40	\$8.20	\$19.40	\$0.00	\$59.00
7	80	\$33.49	\$8.20	\$19.94	\$0.00	\$61.63
8	90	\$37.67	\$8.20	\$21.02	\$0.00	\$66.89

Effective Date - 07/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.48	\$8.20	\$0.00	\$0.00	\$29.68
2	55	\$23.63	\$8.20	\$5.94	\$0.00	\$37.77
3	60	\$25.78	\$8.20	\$6.48	\$0.00	\$40.46
4	65	\$27.92	\$8.20	\$7.02	\$0.00	\$43.14
5	70	\$30.07	\$8.20	\$18.86	\$0.00	\$57.13
6	75	\$32.22	\$8.20	\$19.40	\$0.00	\$59.82
7	80	\$34.37	\$8.20	\$19.94	\$0.00	\$62.51
8	90	\$38.66	\$8.20	\$21.02	\$0.00	\$67.88

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, REPAINT)  
PAINTERS LOCAL 35 - ZONE 2

01/01/2020	\$39.92	\$8.20	\$22.10	\$0.00	\$70.22
07/01/2020	\$41.02	\$8.20	\$22.10	\$0.00	\$71.32
01/01/2021	\$42.12	\$8.20	\$22.10	\$0.00	\$72.42

Issue Date: 02/05/2020

Wage Request Number: 20200205-069

Classification

Apprentice - PAINTER Local 35 Zone 2 - Spray/Sandblast - Repaint

Effective Date - 01/01/2020		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent					
1	50	\$19.96	\$8.20	\$0.00	\$0.00	\$28.16
2	55	\$21.96	\$8.20	\$5.94	\$0.00	\$36.10
3	60	\$23.95	\$8.20	\$6.48	\$0.00	\$38.63
4	65	\$25.95	\$8.20	\$7.02	\$0.00	\$41.17
5	70	\$27.94	\$8.20	\$18.86	\$0.00	\$55.00
6	75	\$29.94	\$8.20	\$19.40	\$0.00	\$57.54
7	80	\$31.94	\$8.20	\$19.94	\$0.00	\$60.08
8	90	\$35.93	\$8.20	\$21.02	\$0.00	\$65.15

Effective Date - 07/01/2020

Effective Date - 07/01/2020		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent					
1	50	\$20.51	\$8.20	\$0.00	\$0.00	\$28.71
2	55	\$22.56	\$8.20	\$5.94	\$0.00	\$36.70
3	60	\$24.61	\$8.20	\$6.48	\$0.00	\$39.29
4	65	\$26.66	\$8.20	\$7.02	\$0.00	\$41.88
5	70	\$28.71	\$8.20	\$18.86	\$0.00	\$55.77
6	75	\$30.77	\$8.20	\$19.40	\$0.00	\$58.37
7	80	\$32.82	\$8.20	\$19.94	\$0.00	\$60.96
8	90	\$36.92	\$8.20	\$21.02	\$0.00	\$66.14

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (TRAFFIC MARKINGS)  
LABORERS - ZONE 2

12/01/2019	\$34.06	\$8.10	\$15.38	\$0.00	\$57.54
06/01/2020	\$34.95	\$8.10	\$15.38	\$0.00	\$58.43
12/01/2020	\$35.84	\$8.10	\$15.38	\$0.00	\$59.32
06/01/2021	\$36.76	\$8.10	\$15.38	\$0.00	\$60.24
12/01/2021	\$37.67	\$8.10	\$15.38	\$0.00	\$61.15

For Apprentice rates see "Apprentice- LABORER"

PAINTER / TAPER (BRUSH, NEW) \*

\* If 30% or more of surfaces to be painted are new construction,  
NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 2

01/01/2020	\$40.46	\$8.20	\$22.10	\$0.00	\$70.76
07/01/2020	\$41.56	\$8.20	\$22.10	\$0.00	\$71.86
01/01/2021	\$42.66	\$8.20	\$22.10	\$0.00	\$72.96

Issue Date: 02/05/2020

Wage Request Number: 20200205-069

Classification

Effective Date    Base Wage    Health    Pension    Supplemental  
Unemployment    Total Rate

**Apprentice - PAINTER - Local 35 Zone 2 - BRUSH NEW**

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.23	\$8.20	\$0.00	\$0.00	\$28.43
2	55	\$22.25	\$8.20	\$5.94	\$0.00	\$36.39
3	60	\$24.28	\$8.20	\$6.48	\$0.00	\$38.96
4	65	\$26.30	\$8.20	\$7.02	\$0.00	\$41.52
5	70	\$28.32	\$8.20	\$18.86	\$0.00	\$55.38
6	75	\$30.35	\$8.20	\$19.40	\$0.00	\$57.95
7	80	\$32.37	\$8.20	\$19.94	\$0.00	\$60.51
8	90	\$36.41	\$8.20	\$21.02	\$0.00	\$65.63

Effective Date - 07/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.78	\$8.20	\$0.00	\$0.00	\$28.98
2	55	\$22.86	\$8.20	\$5.94	\$0.00	\$37.00
3	60	\$24.94	\$8.20	\$6.48	\$0.00	\$39.62
4	65	\$27.01	\$8.20	\$7.02	\$0.00	\$42.23
5	70	\$29.09	\$8.20	\$18.86	\$0.00	\$56.15
6	75	\$31.17	\$8.20	\$19.40	\$0.00	\$58.77
7	80	\$33.25	\$8.20	\$19.94	\$0.00	\$61.39
8	90	\$37.40	\$8.20	\$21.02	\$0.00	\$66.62

**Notes:**

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER / TAPER (BRUSH, REPAINT)	01/01/2020	\$38.52	\$8.20	\$22.10	\$0.00	\$68.82
PAINTERS LOCAL 35 - ZONE 2	07/01/2020	\$39.62	\$8.20	\$22.10	\$0.00	\$69.92
	01/01/2021	\$40.72	\$8.20	\$22.10	\$0.00	\$71.02

Issue Date: 02/05/2020

Wage Request Number: 20200205-069

Classification

		Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
<b>Apprentice - PAINTER Local 35 Zone 2 - BRUSH REPAINT</b>							
<b>Effective Date -</b>		01/01/2020					
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	50	\$19.26	\$8.20	\$0.00	\$0.00	\$27.46	
2	55	\$21.19	\$8.20	\$5.94	\$0.00	\$35.33	
3	60	\$23.11	\$8.20	\$6.48	\$0.00	\$37.79	
4	65	\$25.04	\$8.20	\$7.02	\$0.00	\$40.26	
5	70	\$26.96	\$8.20	\$18.86	\$0.00	\$54.02	
6	75	\$28.89	\$8.20	\$19.40	\$0.00	\$56.49	
7	80	\$30.82	\$8.20	\$19.94	\$0.00	\$58.96	
8	90	\$34.67	\$8.20	\$21.02	\$0.00	\$63.89	

<b>Effective Date -</b>		07/01/2020					
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	50	\$19.81	\$8.20	\$0.00	\$0.00	\$28.01	
2	55	\$21.79	\$8.20	\$5.94	\$0.00	\$35.93	
3	60	\$23.77	\$8.20	\$6.48	\$0.00	\$38.45	
4	65	\$25.75	\$8.20	\$7.02	\$0.00	\$40.97	
5	70	\$27.73	\$8.20	\$18.86	\$0.00	\$54.79	
6	75	\$29.72	\$8.20	\$19.40	\$0.00	\$57.32	
7	80	\$31.70	\$8.20	\$19.94	\$0.00	\$59.84	
8	90	\$35.66	\$8.20	\$21.02	\$0.00	\$64.88	

Notes:  
Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PANEL & PICKUP TRUCKS DRIVER TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2019	\$34.08	\$12.41	\$13.72	\$0.00	\$60.21
	06/01/2020	\$34.98	\$12.41	\$13.72	\$0.00	\$61.11
	08/01/2020	\$34.98	\$12.91	\$13.72	\$0.00	\$61.61
	12/01/2020	\$34.98	\$12.91	\$14.82	\$0.00	\$62.71
	06/01/2021	\$35.78	\$12.91	\$14.82	\$0.00	\$63.51
	08/01/2021	\$35.78	\$13.41	\$14.82	\$0.00	\$64.01
	12/01/2021	\$35.78	\$13.41	\$16.01	\$0.00	\$65.20
	08/01/2019	\$48.94	\$9.90	\$21.15	\$0.00	\$79.99
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)						
PILE DRIVER LOCAL 56 (ZONE 1)						
For apprentice rates see "Apprentice- PILE DRIVER"						
PILE DRIVER						
PILE DRIVER LOCAL 56 (ZONE 1)						
	08/01/2019	\$48.94	\$9.90	\$21.15	\$0.00	\$79.99

Classification

Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - PILE DRIVER - Local 56 Zone 1					
Effective Date - 08/01/2019					
Step	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate

1	50	\$24.47	\$9.90	\$21.15	\$0.00	\$55.52
2	60	\$29.36	\$9.90	\$21.15	\$0.00	\$60.41
3	70	\$34.26	\$9.90	\$21.15	\$0.00	\$65.31
4	75	\$36.71	\$9.90	\$21.15	\$0.00	\$67.76
5	80	\$39.15	\$9.90	\$21.15	\$0.00	\$70.20
6	80	\$39.15	\$9.90	\$21.15	\$0.00	\$70.20
7	90	\$44.05	\$9.90	\$21.15	\$0.00	\$75.10
8	90	\$44.05	\$9.90	\$21.15	\$0.00	\$75.10

Notes:

Apprentice to Journeyworker Ratio:1:5

PIPEFITTER & STEAMFITTER	09/01/2019	\$54.69	\$10.95	\$19.74	\$0.00	\$85.38
PIPEFITTERS LOCAL 537	03/01/2020	\$56.19	\$10.95	\$19.74	\$0.00	\$86.88
	09/01/2020	\$57.69	\$10.95	\$19.74	\$0.00	\$88.38
	03/01/2021	\$59.19	\$10.95	\$19.74	\$0.00	\$89.88

**Apprentice - PIPEFITTER - Local 537**

**Effective Date - 09/01/2019**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$21.88	\$10.95	\$8.00	\$0.00	\$40.83
2	45	\$24.61	\$10.95	\$19.74	\$0.00	\$55.30
3	60	\$32.81	\$10.95	\$19.74	\$0.00	\$63.50
4	70	\$38.28	\$10.95	\$19.74	\$0.00	\$68.97
5	80	\$43.75	\$10.95	\$19.74	\$0.00	\$74.44

**Effective Date - 03/01/2020**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$22.48	\$10.95	\$8.00	\$0.00	\$41.43
2	45	\$25.29	\$10.95	\$19.74	\$0.00	\$55.98
3	60	\$33.71	\$10.95	\$19.74	\$0.00	\$64.40
4	70	\$39.33	\$10.95	\$19.74	\$0.00	\$70.02
5	80	\$44.95	\$10.95	\$19.74	\$0.00	\$75.64

Notes:

\*\* 1:3; 3:15; 1:10 thereafter / Steps are 1 yr.

Refrig/AC Mechanic \*\*1:1;1:2;2:4;3:6;4:8;5:10;6:12;7:14;8:17;9:20;10:23(Max)

Apprentice to Journeyworker Ratio:\*\*

Issue Date: 02/05/2020

Wage Request Number: 20200205-069



Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PIPELAYER LABORERS - ZONE 2	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
	12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40
For apprentice rates see "Apprentice- LABORER"						
PLUMBERS & GASFITTERS PLUMBERS & GASFITTERS LOCAL 12	09/01/2019	\$57.69	\$11.82	\$17.01	\$0.00	\$86.52
	03/01/2020	\$59.19	\$11.82	\$17.01	\$0.00	\$88.02
	09/01/2020	\$60.69	\$11.82	\$17.01	\$0.00	\$89.52
	03/01/2021	\$62.19	\$11.82	\$17.01	\$0.00	\$91.02

Apprentice - PLUMBER/GASFITTER - Local 12

Effective Date - 09/01/2019		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent					
1	35	\$20.19	\$11.82	\$6.16	\$0.00	\$38.17
2	40	\$23.08	\$11.82	\$6.99	\$0.00	\$41.89
3	55	\$31.73	\$11.82	\$9.53	\$0.00	\$53.08
4	65	\$37.50	\$11.82	\$11.18	\$0.00	\$60.50
5	75	\$43.27	\$11.82	\$12.88	\$0.00	\$67.97

Effective Date - 03/01/2020		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent					
1	35	\$20.72	\$11.82	\$6.16	\$0.00	\$38.70
2	40	\$23.68	\$11.82	\$6.99	\$0.00	\$42.49
3	55	\$32.55	\$11.82	\$9.53	\$0.00	\$53.90
4	65	\$38.47	\$11.82	\$11.18	\$0.00	\$61.47
5	75	\$44.39	\$11.82	\$12.88	\$0.00	\$69.09

Notes:

\*\* 1:2; 2:6; 3:10; 4:14; 5:19/Steps are 1 yr  
Step4 with lic\$64.20, Step5 with lic\$71.67

Apprentice to Journeyworker Ratio:\*\*

PNEUMATIC CONTROLS (TEMP.) PIPEFITTERS LOCAL 537	09/01/2019	\$54.69	\$10.95	\$19.74	\$0.00	\$85.38
	03/01/2020	\$56.19	\$10.95	\$19.74	\$0.00	\$86.88
	09/01/2020	\$57.69	\$10.95	\$19.74	\$0.00	\$88.38
	03/01/2021	\$59.17	\$10.95	\$19.74	\$0.00	\$89.86

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

PNEUMATIC DRILL/TOOL OPERATOR  
LABORERS - ZONE 2

	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
	12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
POWDERMAN & BLASTER LABORERS - ZONE 2	12/01/2019	\$35.06	\$8.10	\$15.38	\$0.00	\$58.54
	06/01/2020	\$35.95	\$8.10	\$15.38	\$0.00	\$59.43
	12/01/2020	\$36.84	\$8.10	\$15.38	\$0.00	\$60.32
	06/01/2021	\$37.76	\$8.10	\$15.38	\$0.00	\$61.24
	12/01/2021	\$38.67	\$8.10	\$15.38	\$0.00	\$62.15
For apprentice rates see "Apprentice- LABORER"						
POWER SHOVEL/DERRICK/TRENCHING MACHINE OPERATING ENGINEERS LOCAL 4	12/01/2019	\$48.73	\$12.50	\$15.70	\$0.00	\$76.93
	06/01/2020	\$49.83	\$12.50	\$15.70	\$0.00	\$78.03
	12/01/2020	\$50.98	\$12.50	\$15.70	\$0.00	\$79.18
	06/01/2021	\$52.08	\$12.50	\$15.70	\$0.00	\$80.28
	12/01/2021	\$53.23	\$12.50	\$15.70	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (CONCRETE) OPERATING ENGINEERS LOCAL 4	12/01/2019	\$48.73	\$12.50	\$15.70	\$0.00	\$76.93
	06/01/2020	\$49.83	\$12.50	\$15.70	\$0.00	\$78.03
	12/01/2020	\$50.98	\$12.50	\$15.70	\$0.00	\$79.18
	06/01/2021	\$52.08	\$12.50	\$15.70	\$0.00	\$80.28
	12/01/2021	\$53.23	\$12.50	\$15.70	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (DEWATERING, OTHER) OPERATING ENGINEERS LOCAL 4	12/01/2019	\$32.47	\$12.50	\$15.70	\$0.00	\$60.67
	06/01/2020	\$33.22	\$12.50	\$15.70	\$0.00	\$61.42
	12/01/2020	\$34.00	\$12.50	\$15.70	\$0.00	\$62.20
	06/01/2021	\$34.75	\$12.50	\$15.70	\$0.00	\$62.95
	12/01/2021	\$35.54	\$12.50	\$15.70	\$0.00	\$63.74
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
READY-MIX CONCRETE DRIVER TEAMSTERS 170 - Dauphinis (Bellingham)	01/01/2020	\$24.00	\$11.01	\$2.50	\$0.00	\$37.51
	12/01/2019	\$48.23	\$12.50	\$15.70	\$0.00	\$76.43
	06/01/2020	\$49.31	\$12.50	\$15.70	\$0.00	\$77.51
	12/01/2020	\$50.45	\$12.50	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.54	\$12.50	\$15.70	\$0.00	\$79.74
RECLAIMERS OPERATING ENGINEERS LOCAL 4	12/01/2021	\$52.68	\$12.50	\$15.70	\$0.00	\$80.88
	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
RIDE-ON MOTORIZED BUGGY OPERATOR LABORERS - ZONE 2	12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40
	12/01/2019	\$48.23	\$12.50	\$15.70	\$0.00	\$76.43
	06/01/2020	\$49.31	\$12.50	\$15.70	\$0.00	\$77.51
	12/01/2020	\$50.45	\$12.50	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.54	\$12.50	\$15.70	\$0.00	\$79.74
ROLLER/SPREADER/MULCHING MACHINE OPERATING ENGINEERS LOCAL 4	12/01/2021	\$52.68	\$12.50	\$15.70	\$0.00	\$80.88
	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
ROOFER (Inc.Roofing Waterproofing &Roofing Damproofing)	02/01/2020	\$45.92	\$11.50	\$15.90	\$0.00	\$73.32
ROOFERS LOCAL 33	08/01/2020	\$47.35	\$11.50	\$15.90	\$0.00	\$74.75
	02/01/2021	\$48.78	\$11.50	\$15.90	\$0.00	\$76.18
	08/01/2021	\$50.21	\$11.50	\$15.90	\$0.00	\$77.61
	02/01/2022	\$51.64	\$11.50	\$15.90	\$0.00	\$79.04

**Apprentice - ROOFER - Local 33**

**Effective Date - 02/01/2020**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.96	\$11.50	\$3.69	\$0.00	\$38.15
2	60	\$27.55	\$11.50	\$15.90	\$0.00	\$54.95
3	65	\$29.85	\$11.50	\$15.90	\$0.00	\$57.25
4	75	\$34.44	\$11.50	\$15.90	\$0.00	\$61.84
5	85	\$39.03	\$11.50	\$15.90	\$0.00	\$66.43

**Effective Date - 08/01/2020**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.68	\$11.50	\$3.69	\$0.00	\$38.87
2	60	\$28.41	\$11.50	\$15.90	\$0.00	\$55.81
3	65	\$30.78	\$11.50	\$15.90	\$0.00	\$58.18
4	75	\$35.51	\$11.50	\$15.90	\$0.00	\$62.91
5	85	\$40.25	\$11.50	\$15.90	\$0.00	\$67.65

Notes: \*\* 1:5, 2:6-10, the 1:10; Reroofing: 1:4, then 1:1  
Step 1 is 2000 hrs.; Steps 2-5 are 1000 hrs.  
(Hot Pitch Mechanics' receive \$1.00 hr. above ROOFER)

**Apprentice to Journeyworker Ratio:\*\***

ROOFER SLATE / TILE / PRECAST CONCRETE	02/01/2020	\$46.17	\$11.50	\$15.90	\$0.00	\$73.57
ROOFERS LOCAL 33	08/01/2020	\$47.60	\$11.50	\$15.90	\$0.00	\$75.00
	02/01/2021	\$49.03	\$11.50	\$15.90	\$0.00	\$76.43
	08/01/2021	\$50.46	\$11.50	\$15.90	\$0.00	\$77.86
	02/01/2022	\$51.89	\$11.50	\$15.90	\$0.00	\$79.29

For apprentice rates see "Apprentice- ROOFER"

SHEETMETAL WORKER	02/01/2020	\$49.36	\$13.35	\$24.12	\$2.61	\$89.44
SHEETMETAL WORKERS LOCAL 17 - A	08/01/2020	\$50.96	\$13.35	\$24.12	\$2.66	\$91.09
	02/01/2021	\$52.61	\$13.35	\$24.12	\$2.71	\$92.79
	08/01/2021	\$54.36	\$13.35	\$24.12	\$2.76	\$94.59
	02/01/2022	\$56.11	\$13.35	\$24.12	\$2.81	\$96.39

Classification

		Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - SHEET METAL WORKER - Local 17-A							
Effective Date -		02/01/2020					
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	42	\$20.73	\$13.35	\$5.89	\$0.00	\$39.97	
2	42	\$20.73	\$13.35	\$5.89	\$0.00	\$39.97	
3	47	\$23.20	\$13.35	\$11.13	\$1.43	\$49.11	
4	47	\$23.20	\$13.35	\$11.13	\$1.43	\$49.11	
5	52	\$25.67	\$13.35	\$12.08	\$1.53	\$52.63	
6	52	\$25.67	\$13.35	\$12.33	\$1.54	\$52.89	
7	60	\$29.62	\$13.35	\$13.70	\$1.70	\$58.37	
8	65	\$32.08	\$13.35	\$15.15	\$1.80	\$62.38	
9	75	\$37.02	\$13.35	\$16.56	\$2.01	\$68.94	
10	85	\$41.96	\$13.35	\$17.96	\$2.20	\$75.47	

		Effective Date -	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
		08/01/2020					
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	42	\$21.40	\$13.35	\$5.89	\$0.00	\$40.64	
2	42	\$21.40	\$13.35	\$5.89	\$0.00	\$40.64	
3	47	\$23.95	\$13.35	\$11.13	\$1.45	\$49.88	
4	47	\$23.95	\$13.35	\$11.13	\$1.45	\$49.88	
5	52	\$26.50	\$13.35	\$12.08	\$1.56	\$53.49	
6	52	\$26.50	\$13.35	\$12.33	\$1.57	\$53.75	
7	60	\$30.58	\$13.35	\$13.70	\$1.73	\$59.36	
8	65	\$33.12	\$13.35	\$15.15	\$1.85	\$63.47	
9	75	\$38.22	\$13.35	\$16.56	\$2.04	\$70.17	
10	85	\$43.32	\$13.35	\$17.96	\$2.24	\$76.87	

Notes:  
Steps are 6 mos.

Apprentice to Journeyworker Ratio:1:4

SPECIALIZED EARTH MOVING EQUIP < 35 TONS  
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B

12/01/2019	\$34.54	\$12.41	\$13.72	\$0.00	\$60.67
06/01/2020	\$35.44	\$12.41	\$13.72	\$0.00	\$61.57
08/01/2020	\$35.44	\$12.91	\$13.72	\$0.00	\$62.07
12/01/2020	\$35.44	\$12.91	\$14.82	\$0.00	\$63.17
06/01/2021	\$36.24	\$12.91	\$14.82	\$0.00	\$63.97
08/01/2021	\$36.24	\$13.41	\$14.82	\$0.00	\$64.47
12/01/2021	\$36.24	\$13.41	\$16.01	\$0.00	\$65.66

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
SPECIALIZED EARTH MOVING EQUIP > 35 TONS TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2019	\$34.83	\$12.41	\$13.72	\$0.00	\$60.96
	06/01/2020	\$35.73	\$12.41	\$13.72	\$0.00	\$61.86
	08/01/2020	\$35.73	\$12.91	\$13.72	\$0.00	\$62.36
	12/01/2020	\$35.73	\$12.91	\$14.82	\$0.00	\$63.46
	06/01/2021	\$36.53	\$12.91	\$14.82	\$0.00	\$64.26
	08/01/2021	\$36.53	\$13.41	\$14.82	\$0.00	\$64.76
	12/01/2021	\$36.53	\$13.41	\$16.01	\$0.00	\$65.95
SPRINKLER FITTER SPRINKLER FITTERS LOCAL 550 - (Section A) Zone 1	01/01/2020	\$60.07	\$9.68	\$19.80	\$0.00	\$89.55
	03/01/2020	\$61.98	\$9.47	\$19.60	\$0.00	\$91.05
	10/01/2020	\$63.48	\$9.47	\$19.60	\$0.00	\$92.55
	03/01/2021	\$64.98	\$9.47	\$19.60	\$0.00	\$94.05

**Apprentice - SPRINKLER FITTER - Local 550 (Section A) Zone 1**

Effective Date - 01/01/2020		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent					
1	35	\$21.02	\$9.68	\$11.35	\$0.00	\$42.05
2	40	\$24.03	\$9.68	\$12.00	\$0.00	\$45.71
3	45	\$27.03	\$9.68	\$12.65	\$0.00	\$49.36
4	50	\$30.04	\$9.68	\$13.30	\$0.00	\$53.02
5	55	\$33.04	\$9.68	\$13.95	\$0.00	\$56.67
6	60	\$36.04	\$9.68	\$14.60	\$0.00	\$60.32
7	65	\$39.05	\$9.68	\$15.25	\$0.00	\$63.98
8	70	\$42.05	\$9.68	\$15.90	\$0.00	\$67.63
9	75	\$45.05	\$9.68	\$16.55	\$0.00	\$71.28
10	80	\$48.06	\$9.68	\$17.20	\$0.00	\$74.94

Effective Date - 03/01/2020		Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent					
1	35	\$21.69	\$9.47	\$11.15	\$0.00	\$42.31
2	40	\$24.79	\$9.47	\$11.80	\$0.00	\$46.06
3	45	\$27.89	\$9.47	\$12.45	\$0.00	\$49.81
4	50	\$30.99	\$9.47	\$13.10	\$0.00	\$53.56
5	55	\$34.09	\$9.47	\$13.75	\$0.00	\$57.31
6	60	\$37.19	\$9.47	\$14.40	\$0.00	\$61.06
7	65	\$40.29	\$9.47	\$15.05	\$0.00	\$64.81
8	70	\$43.39	\$9.47	\$15.70	\$0.00	\$68.56
9	75	\$46.49	\$9.47	\$16.35	\$0.00	\$72.31
10	80	\$49.58	\$9.47	\$17.00	\$0.00	\$76.05

Notes: Apprentice entered prior 9/30/10:  
40/45/50/55/60/65/70/75/80/85

Steps are 850 hours

Apprentice to Journeyworker Ratio:1:3

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
STEAM BOILER OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2019	\$48.23	\$12.50	\$15.70	\$0.00	\$76.43
	06/01/2020	\$49.31	\$12.50	\$15.70	\$0.00	\$77.51
	12/01/2020	\$50.45	\$12.50	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.54	\$12.50	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.68	\$12.50	\$15.70	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TAMPERS, SELF-PROPELLED OR TRACTOR DRAWN <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2019	\$48.23	\$12.50	\$15.70	\$0.00	\$76.43
	06/01/2020	\$49.31	\$12.50	\$15.70	\$0.00	\$77.51
	12/01/2020	\$50.45	\$12.50	\$15.70	\$0.00	\$78.65
	06/01/2021	\$51.54	\$12.50	\$15.70	\$0.00	\$79.74
	12/01/2021	\$52.68	\$12.50	\$15.70	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TELECOMMUNICATION TECHNICIAN <i>ELECTRICIANS LOCAL 103</i>	09/01/2019	\$39.76	\$13.00	\$16.86	\$0.00	\$69.62
	03/01/2020	\$40.13	\$13.00	\$17.12	\$0.00	\$70.25
	09/01/2020	\$41.20	\$13.00	\$17.16	\$0.00	\$71.36
	03/01/2021	\$42.66	\$13.00	\$17.27	\$0.00	\$72.93
	09/01/2021	\$44.32	\$13.00	\$17.38	\$0.00	\$74.70
	03/01/2022	\$45.83	\$13.00	\$17.49	\$0.00	\$76.32
	09/01/2022	\$47.55	\$13.00	\$17.62	\$0.00	\$78.17
	03/01/2023	\$49.11	\$13.00	\$17.73	\$0.00	\$79.84

Classification

Effective Date    Base Wage    Health    Pension    Supplemental  
Unemployment    Total Rate

Apprentice - TELECOMMUNICATION TECHNICIAN - Local 103

Effective Date - 09/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$17.89	\$13.00	\$0.54	\$0.00	\$31.43
2	45	\$17.89	\$13.00	\$0.54	\$0.00	\$31.43
3	50	\$19.88	\$13.00	\$13.75	\$0.00	\$46.63
4	50	\$19.88	\$13.00	\$13.75	\$0.00	\$46.63
5	55	\$21.87	\$13.00	\$14.06	\$0.00	\$48.93
6	60	\$23.86	\$13.00	\$14.37	\$0.00	\$51.23
7	65	\$25.84	\$13.00	\$14.69	\$0.00	\$53.53
8	70	\$27.83	\$13.00	\$14.99	\$0.00	\$55.82
9	75	\$29.82	\$13.00	\$15.30	\$0.00	\$58.12
10	80	\$31.81	\$13.00	\$15.61	\$0.00	\$60.42

Effective Date - 03/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$18.06	\$13.00	\$0.54	\$0.00	\$31.60
2	45	\$18.06	\$13.00	\$0.54	\$0.00	\$31.60
3	50	\$20.07	\$13.00	\$14.00	\$0.00	\$47.07
4	50	\$20.07	\$13.00	\$14.00	\$0.00	\$47.07
5	55	\$22.07	\$13.00	\$14.31	\$0.00	\$49.38
6	60	\$24.08	\$13.00	\$14.62	\$0.00	\$51.70
7	65	\$26.08	\$13.00	\$14.94	\$0.00	\$54.02
8	70	\$28.09	\$13.00	\$15.26	\$0.00	\$56.35
9	75	\$30.10	\$13.00	\$15.56	\$0.00	\$58.66
10	80	\$32.10	\$13.00	\$15.87	\$0.00	\$60.97

Notes:

Apprentice to Journeyworker Ratio:1:1

TERRAZZO FINISHERS  
BRICKLAYERS LOCAL 3 - MARBLE & TILE

02/01/2020	\$53.34	\$10.75	\$21.94	\$0.00	\$86.03
08/01/2020	\$54.69	\$10.75	\$22.09	\$0.00	\$87.53
02/01/2021	\$55.33	\$10.75	\$22.09	\$0.00	\$88.17
08/01/2021	\$56.73	\$10.75	\$22.25	\$0.00	\$89.73
02/01/2022	\$57.32	\$10.75	\$22.25	\$0.00	\$90.32

Issue Date: 02/05/2020

Wage Request Number: 20200205-069

Classification

Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
<b>Apprentice - TERRAZZO FINISHER - Local 3 Marble &amp; Tile</b>					
<b>Effective Date - 02/01/2020</b>					
Step	percent	Apprentice Base Wage	Health	Pension	Total Rate
1	50	\$26.67	\$10.75	\$21.94	\$59.36
2	60	\$32.00	\$10.75	\$21.94	\$64.69
3	70	\$37.34	\$10.75	\$21.94	\$70.03
4	80	\$42.67	\$10.75	\$21.94	\$75.36
5	90	\$48.01	\$10.75	\$21.94	\$80.70

Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
<b>Effective Date - 08/01/2020</b>					
Step	percent	Apprentice Base Wage	Health	Pension	Total Rate
1	50	\$27.35	\$10.75	\$22.09	\$60.19
2	60	\$32.81	\$10.75	\$22.09	\$65.65
3	70	\$38.28	\$10.75	\$22.09	\$71.12
4	80	\$43.75	\$10.75	\$22.09	\$76.59
5	90	\$49.22	\$10.75	\$22.09	\$82.06

Notes:

Apprentice to Journeyworker Ratio:1:3

<b>TEST BORING DRILLER</b> LABORERS - FOUNDATION AND MARINE	12/01/2019	\$40.50	\$8.10	\$16.80	\$0.00	\$65.40
	06/01/2020	\$41.49	\$8.10	\$16.80	\$0.00	\$66.39
	12/01/2020	\$42.47	\$8.10	\$16.80	\$0.00	\$67.37
	06/01/2021	\$43.49	\$8.10	\$16.80	\$0.00	\$68.39
	12/01/2021	\$44.50	\$8.10	\$16.80	\$0.00	\$69.40

For apprentice rates see "Apprentice- LABORER"

**TEST BORING DRILLER HELPER**  
LABORERS - FOUNDATION AND MARINE

12/01/2019	\$39.22	\$8.10	\$16.80	\$0.00	\$64.12
06/01/2020	\$40.21	\$8.10	\$16.80	\$0.00	\$65.11
12/01/2020	\$41.19	\$8.10	\$16.80	\$0.00	\$66.09
06/01/2021	\$42.21	\$8.10	\$16.80	\$0.00	\$67.11
12/01/2021	\$43.22	\$8.10	\$16.80	\$0.00	\$68.12

For apprentice rates see "Apprentice- LABORER"

**TEST BORING LABORER**  
LABORERS - FOUNDATION AND MARINE

12/01/2019	\$39.10	\$8.10	\$16.80	\$0.00	\$64.00
06/01/2020	\$40.09	\$8.10	\$16.80	\$0.00	\$64.99
12/01/2020	\$41.07	\$8.10	\$16.80	\$0.00	\$65.97
06/01/2021	\$42.09	\$8.10	\$16.80	\$0.00	\$66.99
12/01/2021	\$43.10	\$8.10	\$16.80	\$0.00	\$68.00

For apprentice rates see "Apprentice- LABORER"

**TRACTORS/PORTABLE STEAM GENERATORS**  
OPERATING ENGINEERS LOCAL 4

12/01/2019	\$48.23	\$12.50	\$15.70	\$0.00	\$76.43
06/01/2020	\$49.31	\$12.50	\$15.70	\$0.00	\$77.51
12/01/2020	\$50.45	\$12.50	\$15.70	\$0.00	\$78.65
06/01/2021	\$51.54	\$12.50	\$15.70	\$0.00	\$79.74
12/01/2021	\$52.68	\$12.50	\$15.70	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Issue Date: 02/05/2020

Wage Request Number: 20200205-069



Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TRAILERS FOR EARTH MOVING EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2019	\$35.12	\$12.41	\$13.72	\$0.00	\$61.25
	06/01/2020	\$36.02	\$12.41	\$13.72	\$0.00	\$62.15
	08/01/2020	\$36.02	\$12.91	\$13.72	\$0.00	\$62.65
	12/01/2020	\$36.02	\$12.91	\$14.82	\$0.00	\$63.75
	06/01/2021	\$36.82	\$12.91	\$14.82	\$0.00	\$64.55
	08/01/2021	\$36.82	\$13.41	\$14.82	\$0.00	\$65.05
TUNNEL WORK - COMPRESSED AIR LABORERS (COMPRESSED AIR)	12/01/2021	\$36.82	\$13.41	\$16.01	\$0.00	\$66.24
	12/01/2019	\$51.38	\$8.10	\$17.20	\$0.00	\$76.68
	06/01/2020	\$52.37	\$8.10	\$17.20	\$0.00	\$77.67
	12/01/2020	\$53.35	\$8.10	\$17.20	\$0.00	\$78.65
	06/01/2021	\$54.37	\$8.10	\$17.20	\$0.00	\$79.67
	12/01/2021	\$55.38	\$8.10	\$17.20	\$0.00	\$80.68
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) LABORERS (COMPRESSED AIR)	12/01/2019	\$53.38	\$8.10	\$17.20	\$0.00	\$78.68
	06/01/2020	\$54.37	\$8.10	\$17.20	\$0.00	\$79.67
	12/01/2020	\$55.35	\$8.10	\$17.20	\$0.00	\$80.65
	06/01/2021	\$56.37	\$8.10	\$17.20	\$0.00	\$81.67
	12/01/2021	\$57.38	\$8.10	\$17.20	\$0.00	\$82.68
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR LABORERS (FREE AIR TUNNEL)	12/01/2019	\$43.45	\$8.10	\$17.20	\$0.00	\$68.75
	06/01/2020	\$44.44	\$8.10	\$17.20	\$0.00	\$69.74
	12/01/2020	\$45.42	\$8.10	\$17.20	\$0.00	\$70.72
	06/01/2021	\$46.44	\$8.10	\$17.20	\$0.00	\$71.74
	12/01/2021	\$47.45	\$8.10	\$17.20	\$0.00	\$72.75
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR (HAZ. WASTE) LABORERS (FREE AIR TUNNEL)	12/01/2019	\$45.45	\$8.10	\$17.20	\$0.00	\$70.75
	06/01/2020	\$46.44	\$8.10	\$17.20	\$0.00	\$71.74
	12/01/2020	\$47.42	\$8.10	\$17.20	\$0.00	\$72.72
	06/01/2021	\$48.44	\$8.10	\$17.20	\$0.00	\$73.74
	12/01/2021	\$49.45	\$8.10	\$17.20	\$0.00	\$74.75
For apprentice rates see "Apprentice- LABORER"						
VAC-HAUL TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	12/01/2019	\$34.54	\$12.41	\$13.72	\$0.00	\$60.67
	06/01/2020	\$35.44	\$12.41	\$13.72	\$0.00	\$61.57
	08/01/2020	\$35.44	\$12.91	\$13.72	\$0.00	\$62.07
	12/01/2020	\$35.44	\$12.91	\$14.82	\$0.00	\$63.17
	06/01/2021	\$36.24	\$12.91	\$14.82	\$0.00	\$63.97
	08/01/2021	\$36.24	\$13.41	\$14.82	\$0.00	\$64.47
	12/01/2021	\$36.24	\$13.41	\$16.01	\$0.00	\$65.66
WAGON DRILL OPERATOR LABORERS - ZONE 2	12/01/2019	\$34.31	\$8.10	\$15.38	\$0.00	\$57.79
	06/01/2020	\$35.20	\$8.10	\$15.38	\$0.00	\$58.68
	12/01/2020	\$36.09	\$8.10	\$15.38	\$0.00	\$59.57
	06/01/2021	\$37.01	\$8.10	\$15.38	\$0.00	\$60.49
	12/01/2021	\$37.92	\$8.10	\$15.38	\$0.00	\$61.40

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
WASTE WATER PUMP OPERATOR OPERATING ENGINEERS LOCAL 4	12/01/2019	\$48.73	\$12.50	\$15.70	\$0.00	\$76.93
	06/01/2020	\$49.83	\$12.50	\$15.70	\$0.00	\$78.03
	12/01/2020	\$50.98	\$12.50	\$15.70	\$0.00	\$79.18
	06/01/2021	\$52.08	\$12.50	\$15.70	\$0.00	\$80.28
	12/01/2021	\$53.23	\$12.50	\$15.70	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
WATER METER INSTALLER PLUMBERS & GASFITTERS LOCAL 12	09/01/2019	\$57.69	\$11.82	\$17.01	\$0.00	\$86.52
	03/01/2020	\$59.19	\$11.82	\$17.01	\$0.00	\$88.02
	09/01/2020	\$60.69	\$11.82	\$17.01	\$0.00	\$89.52
	03/01/2021	\$62.19	\$11.82	\$17.01	\$0.00	\$91.02
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"						
<b>Outside Electrical - East</b>						
CABLE TECHNICIAN (Power Zone) OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2019	\$28.83	\$8.75	\$1.86	\$0.00	\$39.44
	08/30/2020	\$29.67	\$9.25	\$1.89	\$0.00	\$40.81
For apprentice rates see "Apprentice- LINEMAN"						
CABLEMAN (Underground Ducts & Cables) OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2019	\$40.84	\$8.75	\$10.02	\$0.00	\$59.61
	08/30/2020	\$42.03	\$9.25	\$10.27	\$0.00	\$61.55
For apprentice rates see "Apprentice- LINEMAN"						
DRIVER / GROUNDMAN CDL OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2019	\$33.64	\$8.75	\$9.86	\$0.00	\$52.25
	08/30/2020	\$34.62	\$9.25	\$10.07	\$0.00	\$53.94
For apprentice rates see "Apprentice- LINEMAN"						
DRIVER / GROUNDMAN -Inexperienced (<2000 Hrs) OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2019	\$26.43	\$8.75	\$1.79	\$0.00	\$36.97
	08/30/2020	\$27.20	\$9.25	\$1.82	\$0.00	\$38.27
For apprentice rates see "Apprentice- LINEMAN"						
EQUIPMENT OPERATOR (Class A CDL) OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2019	\$40.84	\$8.75	\$14.10	\$0.00	\$63.69
	08/30/2020	\$42.03	\$9.25	\$14.35	\$0.00	\$65.63
For apprentice rates see "Apprentice- LINEMAN"						
EQUIPMENT OPERATOR (Class B CDL) OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2019	\$36.04	\$8.75	\$10.65	\$0.00	\$55.44
	08/30/2020	\$37.09	\$9.25	\$10.87	\$0.00	\$57.21
For apprentice rates see "Apprentice- LINEMAN"						
GROUNDMAN OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2019	\$21.62	\$8.75	\$1.65	\$0.00	\$32.02
	08/30/2020	\$22.25	\$9.25	\$1.67	\$0.00	\$33.17
For apprentice rates see "Apprentice- LINEMAN"						
GROUNDMAN -Inexperienced (<2000 Hrs.) OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2019	\$26.43	\$8.75	\$1.79	\$0.00	\$36.97
	08/30/2020	\$27.20	\$9.25	\$1.82	\$0.00	\$38.27
For apprentice rates see "Apprentice- LINEMAN"						
JOURNEYMAN LINEMAN OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	09/01/2019	\$48.05	\$8.75	\$17.19	\$0.00	\$73.99
	08/30/2020	\$49.45	\$9.25	\$17.48	\$0.00	\$76.18

**Classification**

		Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
<b>Apprentice - LINEMAN (Outside Electrical) - East Local 104</b>							
<b>Effective Date - 09/01/2019</b>			Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent						
1	60		\$28.83	\$8.75	\$3.36	\$0.00	\$40.94
2	65		\$31.23	\$8.75	\$3.44	\$0.00	\$43.42
3	70		\$33.64	\$8.75	\$3.51	\$0.00	\$45.90
4	75		\$36.04	\$8.75	\$5.08	\$0.00	\$49.87
5	80		\$38.44	\$8.75	\$5.15	\$0.00	\$52.34
6	85		\$40.84	\$8.75	\$5.23	\$0.00	\$54.82
7	90		\$43.25	\$8.75	\$7.30	\$0.00	\$59.30

<b>Effective Date - 08/30/2020</b>			Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Step	percent						
1	60		\$29.67	\$9.25	\$3.39	\$0.00	\$42.31
2	65		\$32.14	\$9.25	\$3.46	\$0.00	\$44.85
3	70		\$34.62	\$9.25	\$3.54	\$0.00	\$47.41
4	75		\$37.09	\$9.25	\$5.11	\$0.00	\$51.45
5	80		\$39.56	\$9.25	\$5.19	\$0.00	\$54.00
6	85		\$42.03	\$9.25	\$5.26	\$0.00	\$56.54
7	90		\$44.51	\$9.25	\$7.34	\$0.00	\$61.10

Notes:

Apprentice to Journeyworker Ratio:1:2

TELEDATA CABLE SPLICER OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	02/04/2019	\$30.73	\$4.70	\$3.17	\$0.00	\$38.60
TELEDATA LINEMAN/EQUIPMENT OPERATOR OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	02/04/2019	\$28.93	\$4.70	\$3.14	\$0.00	\$36.77
TELEDATA WIREMAN/INSTALLER/TECHNICIAN OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	02/04/2019	\$28.93	\$4.70	\$3.14	\$0.00	\$36.77
TREE TRIMMER OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	01/31/2016	\$18.51	\$3.55	\$0.00	\$0.00	\$22.06
This classification applies only to tree work done: (a) for a utility company, R.E.A. cooperative, or railroad or coal mining company, and (b) for the purpose of operating, maintaining, or repairing the utility company's equipment, and (c) by a person who is using hand or mechanical cutting methods and is not on the ground. This classification does not apply to wholesale tree removal.						
TREE TRIMMER GROUNDMAN OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104	01/31/2016	\$16.32	\$3.55	\$0.00	\$0.00	\$19.87
This classification applies only to tree work done: (a) for a utility company, R.E.A. cooperative, or railroad or coal mining company, and (b) for the purpose of operating, maintaining, or repairing the utility company's equipment, and (c) by a person who is using hand or mechanical cutting methods and is on the ground. This classification does not apply to wholesale tree removal.						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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**Additional Apprentice Information:**

Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the pre-determined hourly wage rate established by the Commissioner under the provisions of the M.G.L. c. 149, ss. 26-27D. Apprentice ratios are established by the Division of Apprenticeship Training pursuant to M.G.L. c. 23, ss. 11E-11L.

All apprentices must be registered with the Division of Apprenticeship Training in accordance with M.G.L. c. 23, ss. 11E-11L.

All steps are six months (1000 hours.)

Ratios are expressed in allowable number of apprentices to journeymen or fraction thereof, unless otherwise specified.

- \*\* Multiple ratios are listed in the comment field.
- \*\*\* APP to JM; 1:1, 2:2, 2:3, 3:4, 4:4, 4:5, 4:6, 5:7, 6:7, 6:8, 6:9, 7:10, 8:10, 8:11, 8:12, 9:13, 10:13, 10:14, etc.
- \*\*\*\* APP to JM; 1:1, 1:2, 2:3, 2:4, 3:5, 4:6, 4:7, 5:8, 6:9, 6:10, 7:11, 8:12, 8:13, 9:14, 10:15, 10:16, etc.

**Appendix 10**  
**FORM OF CONTRACT**  
**(SEE ATTACHED DOCUMENT.)**

717294v1

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

This Contract is made this \_\_\_\_\_ day of \_\_\_\_\_, 2020, by and between the Town of Natick, Massachusetts, with an address of Natick Town Hall, 13 East Central Street, Natick, MA 01760, acting by the Natick Board of Selectmen (hereinafter the "Town of Natick," the "Town," or the "Owner"), and a corporation organized under the laws of Massachusetts, with a principal office located at \_\_\_\_\_ (hereinafter the "Contractor").

The words "he," "him" and "his" in this Contract, as far as they refer to the Contractor, shall so refer whether the Contractor is an individual, partnership or corporation. All prior contracts, if any exist between the Town and the Contractor, are hereby terminated and shall be of no force and effect.

1.     **Scope of Services**

In consideration of the obligations herein contained, the Contractor shall provide services related to the furnishing Roadway Improvements at Various Locations - 2020, as set forth in the Invitation for Bids for Services Related to the Furnishing of Roadway Improvements at Various Locations - 2020 ("IFB"), issued by the Board of Selectmen of the Town of Natick, Massachusetts, which is incorporated herein by reference.

2.     **Standard of Care**

The Contractor shall furnish all supplies, equipment, and labor necessary for the performance of the services required by this Contract in accordance with the applicable professional standards in the Eastern Massachusetts area. The Contractor warrants that it has in its employ, and throughout the term of the Contract or any extension or renewal thereof, will continue to have a sufficient number of persons experienced in developing and providing services required by this Contract, such that the Contractor's obligations under the Contract will be carried out in a prompt, safe and professional manner.

3.     **Term**

The term of this Contract shall commence as of the execution date of this contract and shall end on November 15, 2020. Time is of the essence in the performance of services rendered by the Contractor under this Contract. The Contractor, therefore, shall achieve final completion of the work by November 15, 2020.

4.     **Incorporation of the Invitation for Bids/Order of Priority of Contract Documents**

The provisions of the IFB and the Contractor's Bid are incorporated herein by reference. In the event of any conflict among the Contract Documents, the Documents shall be construed according to the following priorities:

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

Highest Priority:	Amendments to Contract (if any)
Second Priority:	Contract
Third Priority:	Addenda to the IFB (if any)
Fourth Priority:	IFB
Fifth Priority:	Contractor's Bid.

**5. Payment**

In consideration for performance of the work in accordance with the requirements of this Contract, and in accordance with M.G.L. c.30, §39G, the Town shall pay the Contractor the prices set forth in the Contractor's Bid, a copy of which is attached hereto and incorporated by reference. Price adjustments and retainage shall be calculated and paid according to the IFB.

This Contract is a fixed price contract and therefore miscellaneous expenditures associated with the Contractor's work on this project shall not be paid by the Town. In the event that an unforeseen miscellaneous expense is incurred, the Contractor shall receive the Town's approval in writing prior to incurring the expense if it will subsequently seek payment of said expense from the Town.

Payment shall be made to the Contractor for work completed in accordance with this Contract. All requests for payment shall be submitted to the Town as an invoice and shall specify work completed, progress made toward completing deliverables, the number of hours worked, the classification of each employee who performed work, and the billing rate for each employee who performed work on the project.

Payment will be due fifteen (15) days after receipt of the Contractor's invoice by the Town for services rendered in accordance with this Contract. The Town shall not make payments in advance.

If the Town objects to all or part of any invoice, the Town shall notify the Contractor in writing within two (2) weeks of the date of receipt of the invoice, and shall pay that portion of the invoice not in dispute within fifteen (15) days after the date of receipt of the invoice.

Should it be necessary for the Contractor to engage the services of a specialized contractor or companies other than those originally proposed in the Contractor's response to the Town's Invitation for Bids, the Contractor shall take such measures only with the Town's prior written approval. Charges for such services shall be billed directly to the Town unless otherwise agreed upon by the parties.

Payment of the amounts due under this Contract shall release the Town of Natick, Massachusetts and its officers, employees, boards, commissions, committees,

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

agents and representatives, from any and all claims and liability in any way relating to this Contract or anything done in pursuance thereof.

No payment by the Town to the Contractor shall be deemed to be a waiver of any right of the Town under this Contract or ratification by the Town of any breach hereof by the Contractor.

6.     **Warranty**

Any equipment delivered, unless otherwise agreed by the parties, shall be of generally merchantable quality and shall be fit for the purpose sought by the Town of Natick. All manufacturers' warranties on any equipment delivered shall be assigned to the Town of Natick.

7.     **Compliance with Laws**

The Contractor shall comply with all provisions of Federal, Massachusetts and Town of Natick law applicable to his work including, without limitation, statutes, by-laws, rules, regulations, orders and directives, as amended, and including, without limitation, the Williams-Steiger Occupational Safety and Health Act of 1970, as amended, and related regulations, as amended, in effect throughout the term of this Contract and any extension or renewal thereof. Without limitation, the Contractor shall comply with the provisions of Chapter 149, Section 26 to 27D of the Massachusetts General Laws, as amended, and the applicable minimum wage rates as determined by the Massachusetts Commissioner of Labor and Industries. This Contract shall be considered to include in their entirety all terms respecting workers' compensation insurance and other terms required to be included in it by Chapter 152 of the Massachusetts General Laws, as amended, and applicable provisions of any other laws, including, without limitation, Chapter 30, Sections 39F, 39G, 39K, 39L, 39M, 39N, 39O, 39P, and 39R of the Massachusetts General Laws, as amended, and Chapter 149, Sections 34, 34A, and 34B of the Massachusetts General Laws, as amended, and Chapter 82, Section 40 of the Massachusetts General Laws, as amended, as though such terms were set forth in their entirety herein.

8.     **Insurance**

The Contractor shall provide and maintain throughout the term of the Contract and any extension or renewal thereof the following insurance with companies that are authorized and licensed in the Commonwealth of Massachusetts to issue policies for the coverages and limits so required.

- a.     Workers' Compensation Insurance as required by the laws of the Commonwealth of Massachusetts and employer's liability insurance in the amount of \$1,000,000/\$1,000,000/\$1,000,000.



**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

- b. Commercial General Liability Insurance, \$1,000,000 each occurrence and \$2,000,000 aggregate limit. Commercial General Liability insurance shall include personal injury liability, broad form property damage liability, products/completed operations liability and broad form contractual liability.
- c. Automobile Liability Insurance, covering all leased, owned, non-owned, and hired vehicles - Combined single limit of \$1,000,000.
- d. Excess Liability Insurance, Umbrella Form - \$1,000,000 each occurrence and \$2,000,000 aggregate, which shall be following form, providing coverage over commercial general liability insurance, automobile liability insurance, and employer's liability under workers' compensation insurance.
- e. The Town of Natick shall be named as an additional insured on each such policy of Commercial General Liability Insurance, Excess Liability Insurance, Umbrella Form, and Automobile Liability Insurance.
- f. All certificates and policies shall contain the following provision:

“Notwithstanding any other provision herein, should any of the above policies be cancelled or materially amended before the expiration date thereof, the issuing company will mail thirty (30) days prior written notice thereof to the named certificate holder and to the Natick Town Administrator, Natick Town Hall, 13 East Central Street, Natick, MA 01760 before such cancellation or amendment shall take place.”
- g. Certificates evidencing such insurance in five (5) copies shall be furnished to the Town at the execution of this Agreement. Such certificates shall not merely name the types of policy provided, but shall specifically refer to this Agreement and shall state that such insurance is as required by this Agreement. The Contractor shall make no claims against the Town of Natick or its officers for any injury to any of its officers or employees or for damage to its equipment arising out of work contemplated by the Agreement.
- h. The Contractor shall also be required to provide to the Town of Natick with its proof of insurance coverage endorsements or riders to the policies of commercial general liability insurance, automobile liability insurance, and excess liability insurance, umbrella form, which indicate that the Town of Natick is named as an additional insured on each such policy.

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

- i. No insurance shall be obtained from an insurer which:
  - (1) is not licensed to sell insurance in the Commonwealth of Massachusetts; or
  - (2) is not authorized to provide insurance as an excess or surplus lines insurer, and does not have a current Best's rating of A or better;
- j. Failure to provide and continue in force such insurance as aforesaid shall be deemed a material breach of this Contract and shall operate as an immediate termination thereof.
- k. The Contractor shall provide to the Town a copy of a certificate of insurance that provides evidence of all environmental liability insurance maintained by the Contractor.

**9. Indemnification**

The Contractor shall compensate the Town of Natick for all damage to Town property of any nature arising out of the Contractor's work. To the fullest extent permitted by law, the Contractor shall indemnify, defend, and hold harmless the Town of Natick and all of its officers, employees, boards, commissions, committees, agents and representatives from and against all claims, causes of action, suits, costs, damages, and liability of any kind which arise out of the breach by the Contractor of its obligations under this Contract, or the act or omission of the Contractor, its subcontractors, or their officers, employees, agents and representatives or anyone directly or indirectly employed by them, or anyone for whose acts or omissions they may be liable, regarding the work to be performed by the Contractor under the Contract, or which arise out of the violation of any federal, Massachusetts or Town of Natick statute, by-law, rule, regulation, order or directive, or which relate to personal injury or property damage suffered by the Contractor or any of its officers or employees regarding the subject matter of this Contract. Said costs shall include, without limitation, reasonable legal costs, collections fees, and counsel fees incurred in defending any claim or suit that may be brought against the Town and any judgment that may be obtained in any such claim or suit.

**10. No Personal Liability**

Neither the Town of Natick, nor its officers, employees, boards, commissions, committees, agents and representatives shall be under any personal obligation or incur any personal liability by reason of this Contract, the execution thereof or anything relating thereto which arises out of the breach or violation of any provision of this Contract, or the violation of any Federal, Massachusetts or Town

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

of Natick statute, by-law, rule, regulation, order or directive, or which relates to personal injury or property damage suffered by the Contractor or its employees, regarding the subject matter of this Contract.

11. Familiarity with Area of Work

By signing this Contract, the Contractor acknowledges that it has examined the area of work which is the subject matter of this Contract and that it is familiar with all sites which are the subject of this Contract and with all conditions of the IFB and of this Contract. The Contractor has entered into this Contract in reliance on its own examinations and estimates as to the amount and character of its work, and conditions which may be encountered in the performance thereof, and shall assume all risks and bear all losses pertaining thereto.

12. Performance Bond

Within ten (10) calendar days after notification of award of this Contract by the Town, the Contractor shall deliver to the Town a Performance Bond, in the amount of one hundred (100%) percent of the Contract price, with a surety company that is acceptable to the Town and that is licensed by the Massachusetts Division of Insurance.

13. Labor and Materials Payment Bond

Within ten (10) calendar days after notification of award of this Contract by the Town, the Contractor shall deliver to the Town a Labor and Materials Bond, in the amount of one hundred (100%) percent of the Contract price, with a surety company that is acceptable to the Town and that is licensed by the Massachusetts Division of Insurance.

14. Independent Contractor Status

The Contractor shall provide services under this Contract as an independent contractor with the Town of Natick and not as an employee of the Town of Natick. No employee, agent or representative of the Contractor shall be entitled to receive any benefits of employment with the Town of Natick, including without limitation salary, overtime, vacation pay, holiday pay, sick leave, health insurance, life insurance, pension or deferred compensation.

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

15. Use of Alcohol and Controlled and/or Mood Altering Substances Prohibited

The Contractor hereby acknowledges that the use of alcoholic beverages, narcotics, controlled and/or mood altering substances, except for current valid, legal prescriptions, by any officer, employee, agent, or representative of the Contractor is prohibited on Town of Natick property which is the subject matter of this Agreement and during all hours of work under this Agreement. If any officer, employee, agent, or representative of the Contractor violates the foregoing provision, the Town of Natick shall have the right to order that such officer, employee, agent, or representative of the Contractor shall not be permitted to return to work on this Agreement. Under such circumstances, the Contractor shall promptly remove the subject officer, employee, agent, or representative from the job site and shall not permit the subject officer, employee, agent, or representative to perform further work in conjunction with this Agreement.

16. No Smoking

Pursuant to Massachusetts General Laws (M.G.L.) c. 270, §22, the Commonwealth of Massachusetts Smokefree Workplace Law, the Contractor, its officers, employees, agents, and representatives shall refrain from smoking and from using tobacco products in any public building in the Town of Natick.

17. Criminal Background Screening

For each employee of the Contractor who is performing services under this Contract, the Contractor shall, subject to its confidentiality and privacy obligations owing to its employees and third parties, provide a written confirmation to the Town that such employee passed the Contractor's pre-employment criminal background screen. In the event that any employee refuses to permit the Contractor to provide such information to the Town, the Contractor shall not assign such employee to perform services for the Town, and such employee shall not be authorized to perform services for the Town. The Town shall be permitted to keep such information in its files.

18. Delays/*Force Majeure*

Except as specifically set forth in this Contract, neither party shall hold the other responsible or liable for damages or delays in performance caused by acts of God, interruptions in the availability of labor, or other events beyond the control of the other party, or that could not have been reasonably foreseen or prevented. For this purpose, such acts or events shall include unusually severe weather affecting performance of services, floods, epidemics, wars, riots, strikes, lockouts, or other industrial disturbances, protest demonstrations, and project site conditions which could not have been reasonably anticipated. Should such acts or events occur, both parties shall use their best efforts to overcome the difficulties arising and to

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
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resume as soon as reasonably possible the normal pursuit of the services for the Project.

19. Termination

- a. If the Contractor shall breach any provision of this Contract, which breach is not cured within twenty-one (21) days of written notice thereof from the Town to the Contractor, the Town shall have the right to terminate this Contract upon written notice to the Contractor.
- b. If any assignment shall be made by the Contractor or by any guarantor of the Contractor for the benefit of creditors, or if a petition is filed by the Contractor or by any guarantor of the Contractor for adjudication as a bankrupt, or for reorganization or an arrangement under any provision of the Bankruptcy Act as then in force and effect, or if an involuntary petition under any of the provisions of the Bankruptcy Act is filed against the Contractor and such involuntary petition is not discharged within ninety (90) days thereafter, in any event the Town may terminate this Contract upon written notice to the Contractor.
- c. The award of this Contract and the continued operation of this Contract are contingent upon appropriation by Natick Town Meeting of sufficient money to fund the Contract. Should Natick Town Meeting fail to appropriate necessary funds therefor, the Town of Natick shall no longer be under any obligation to tender performance, including payment, under the terms of this Contract. In that event the Town may terminate this Contract upon written notice to the Contractor.
- d. The Town may terminate this Contract upon written notice to the Contractor if a source of money to fund the Contract is lost during the Contract term. In the alternative, the parties may agree in writing to amend the Contract to provide for a Contract price which represents a reduced appropriation for the Contract term.
- e. The Town may also terminate this Contract for convenience upon thirty (30) days' written notice to the Contractor.

In the event of termination the Contractor shall be entitled to be paid for services rendered in accordance with this Contract prior to termination.

In the event that this Contract is terminated pursuant to Section 19a. or 19b. above, the Town may make any reasonable purchase or contract to purchase services in substitution for services due from the Contractor and may deduct the cost of any substitute contract, or damages sustained by the Town due to non performance or non conformance of services together with incidental and

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

consequential damages from the Contract price, and shall withhold such damages from sums due or sums which become due.

20. Notices

Except as otherwise provided in this Contract all notices required or permitted to be given hereunder shall be in writing and shall be delivered by certified mail or registered mail, return receipt requested, to the parties at the following address or such other address or addresses as to which a party shall have notified the other party in accordance with this Section 20.

If to the Town: William Chenard, Deputy Town Administrator, Operations  
Natick Town Hall  
13 East Central Street  
Natick, MA 01760

With copies to: Karis L. North, Esq.  
Murphy, Hesse, Toomey & Lehane, LLP  
300 Crown Colony Drive, Suite 410  
Quincy, MA 02169

If to the Contractor:

21. Miscellaneous Provisions

- a. Any action at law or suit in equity instituted by the Contractor as a result of the performance, non-performance or alleged breach of this Contract shall be filed in the Superior Court of the Commonwealth of Massachusetts for Middlesex County, MA, and in no other court or jurisdiction.
- b. No action or failure to act by the Town shall constitute a waiver of a right or duty afforded to the Town under the Contract, nor shall such action or failure to act constitute approval of or acquiescence in a breach thereunder, except as may be specifically agreed in writing. No forbearance or indulgence in any form or manner by the Town shall be construed as a waiver or in any way limit the legal or equitable remedies available to the Town. No waiver by the Town of any default or breach by the Contractor shall constitute a waiver of any subsequent default or breach.

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

- c. If the Contractor discovers or is informed of any discrepancy or inconsistency in the Contract Documents in relation to any law, statute, ordinance, by-law, decree, code, rule, regulation, or order, the Contractor shall promptly, before commencing services under this Contract, report the same to the Town in writing.
- d. The Contractor acknowledges that it has not been influenced to enter into this Contract, nor has the Contractor relied upon any warranties or representations not set forth in this instrument.
- e. The Contractor shall maintain the confidentiality of information designated by the Town as confidential, unless withholding such information would violate the law or create a risk of significant harm to the public, or unless the Contractor has been required to release such information by final judgment or order of a court of competent jurisdiction, or unless the Town has expressly waived such confidentiality in advance in writing.
- f. The Contractor shall not represent or purport to represent that it speaks for the Town vis-à-vis the media or the public at-large without the Town's express, written consent in advance.
- g. Prior to commencing services under this Contract, the Contractor shall furnish the Town, in writing, the names, addresses and telephone numbers of not fewer than two (2) principal employees of his business who are to be contacted in the event of an after-hours emergency.
- h. By entering into this Contract, the Contractor certifies under penalties of perjury that its Bid was made and submitted in good faith and without collusion or fraud with any person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.
- i. By entering into this Contract, the Contractor certifies under the penalties of perjury, pursuant to M.G.L. c.62C, Section 49A(b), that it has complied with all laws of the Commonwealth relating to taxes, to reporting of employees and contractors, and to withholding and remitting child support.
- j. The Contractor understands that the Massachusetts Conflict of Interest Law, Chapter 268A of the Massachusetts General Laws, applies to the Contractor with respect to the services required to be provided under this Contract. The Contractor and its officers, employees, agents,

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

subcontractors and affiliated agencies shall not participate in any activity which constitutes a violation of the Massachusetts Conflict of Interest Law or which creates an appearance of a violation of the Massachusetts Conflict of Interest Law.

- k. Prevailing wage rates, as contained in the Bid documents, shall be paid, pursuant to M.G.L. c.149, §§26-27G, if they are applicable.
- l. The Contractor shall not discriminate against or exclude any person from participation herein on grounds of race, color, religious creed, national origin, sex, gender identity, sexual orientation (which shall not include persons whose sexual orientation involves minor children as the sex object), age, genetic information, ancestry, children, marital status, veteran status or membership in the armed services, the receiving of public assistance, and handicap. The previous sentence shall include, but not be limited to, the following: advertising, recruitment; hiring; rates of pay or other forms of compensation; terms; conditions or privileges of employment; employment upgrading; transfer; demotion; layoff; and termination. The Contractor shall take affirmative actions to insure that applicants are employed, and that employees are treated during their employment, without regard to race, color, religious creed, national origin, sex, gender identity, sexual orientation (which shall not include persons whose sexual orientation involves minor children as the sex object), age, genetic information, ancestry, children, marital status, veteran status or membership in the armed services, the receiving of public assistance, and handicap.
- m. **To the extent that any of the foregoing sections required by Massachusetts law are inconsistent with other, non-statutory sections in this agreement, any statutorily-mandated provisions contained herein shall control.**
- n. The Contractor shall not assign or subcontract in whole or in part this Contract or in any way transfer any interest in this Contract without the prior express written approval of the Town.
- o. The Contractor shall not assign any money due or to become due to the Contractor unless the Town of Natick shall have received prior written notice of such assignment. No such assignment shall relieve the Contractor of its obligations under this Contract.
- p. This Contract may be amended only by written consent of the parties.
- q. This Contract constitutes the entire agreement of the parties and any other agreement, written or oral, that may exist is excluded from this Contract.



**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

When executed, this Contract supersedes any other agreement of any of the parties in connection with the transaction contemplated.

- r. The parties agree that the traditional canon of contract interpretation, resolving ambiguities against the drafter of the particular instrument, shall not be employed in construing provisions of the Contract
- s. If any provision, or portion thereof, of this Contract shall be adjudged to be invalid or unenforceable by final judgment or order of a court of competent jurisdiction the remaining provisions shall continue in effect to the extent permitted by law.
- t. The provisions of this Contract shall be binding upon and shall inure to the benefit of the heirs, assigns and successors in interest of the parties.
- u. This Contract shall be governed by and construed in accordance with the laws of the Commonwealth of Massachusetts, regardless of choice of law issues or principles.
- v. This Contract is executed in triplicate as a sealed instrument.

[The remainder of this page is left blank.]

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

The Town of Natick, Massachusetts

by: the Natick Board of Selectmen

\_\_\_\_\_  
Michael J. Hickey, Jr., Chair

\_\_\_\_\_  
Susan G. Salamoff, Vice Chair

\_\_\_\_\_  
Jonathan H. Freedman, Clerk

\_\_\_\_\_  
Karen Adelman-Foster, Member

\_\_\_\_\_  
Richard P. Jennett, Jr., Member

Dated: \_\_\_\_\_

by: (Printed Name of Contractor)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Title

Dated: \_\_\_\_\_

**APPROVED AS TO AVAILABILITY OF APPROPRIATION:**

In accordance with the requirements of M.G.L. Chapter 44, Section 31C, this is to certify that an appropriation in the amount of this Contract is available therefor, and that the Natick Board of Selectmen is authorized to execute this Contract and to approve all requisitions and execute change orders.

\_\_\_\_\_  
Arti P. Mehta  
Comptroller, Town of Natick

Dated: \_\_\_\_\_

**APPROVED AS TO FORM ONLY (AND NOT AS TO SUBSTANCE):**

\_\_\_\_\_  
Karis L. North, Esq.

Dated: \_\_\_\_\_

**Town of Natick, Massachusetts**  
**Contract for Services Related to the Furnishing of Roadway Improvements at**  
**Various Locations – 2020**

**CERTIFICATE OF VOTE**

I, \_\_\_\_\_, hereby certify  
(Clerk/Secretary)  
that I am the duly qualified and acting \_\_\_\_\_ of  
(Title)  
\_\_\_\_\_  
(Corporation Name)

and I further certify that at a meeting of the Directors of said Corporation duly called and held on \_\_\_\_\_ 20 \_\_\_\_, at which meeting all Directors were present and voting, the following vote was unanimously passed:

VOTED: To authorize and empower either  
\_\_\_\_\_, \_\_\_\_\_;  
(Name) (Title)  
\_\_\_\_\_, \_\_\_\_\_; or  
(Name) (Title)  
\_\_\_\_\_, \_\_\_\_\_  
(Name) (Title),

any one acting singly, to execute all contracts and bonds on behalf of the Corporation.

I, further certify that the above vote is still in effect on this the \_\_\_\_ day of \_\_\_\_\_, 20\_\_ and has not been changed or modified in any respect.

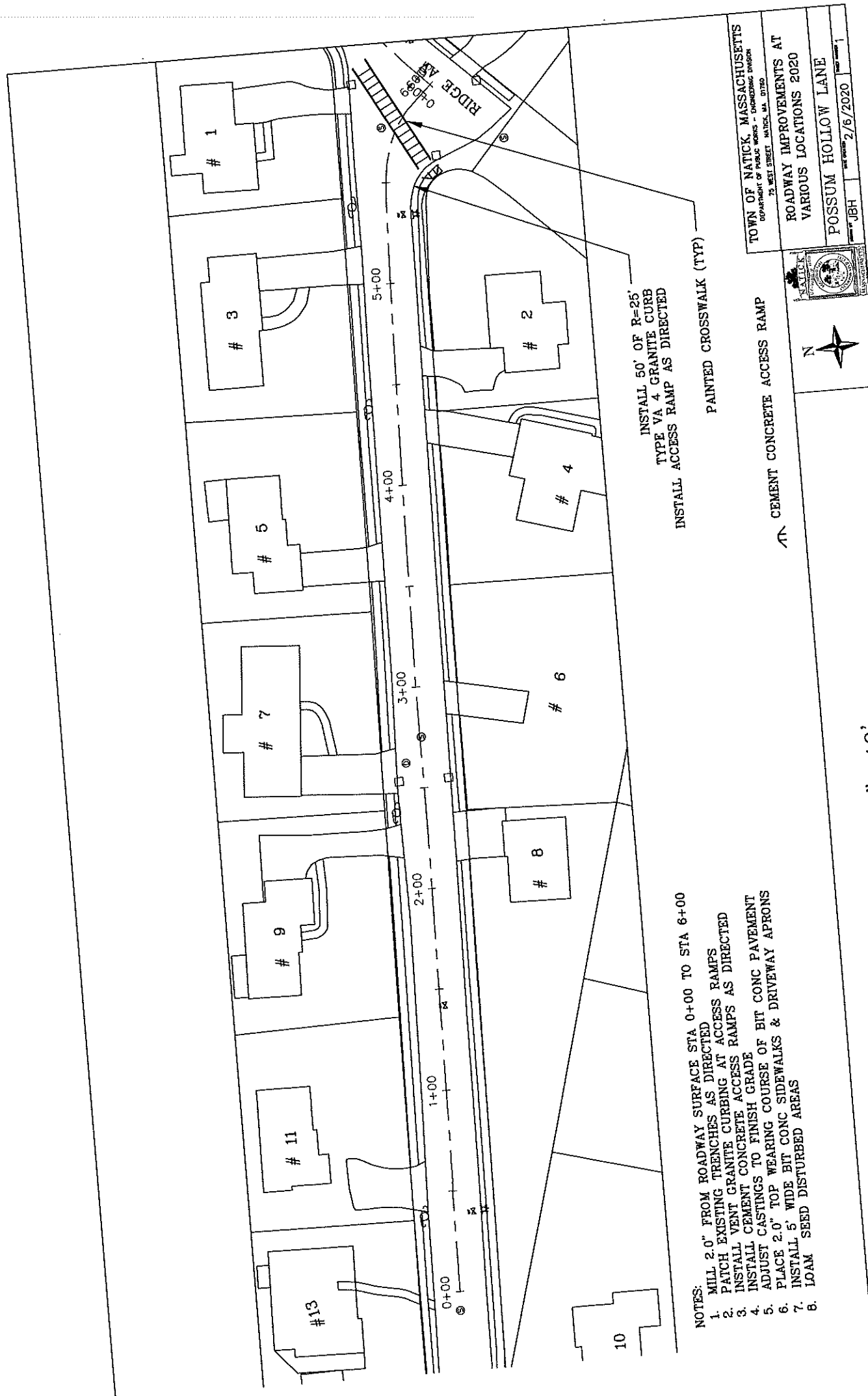
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Title

The certification contained here above shall be executed by CONTRACTOR or copy of current "certification of authority to sign for the Corporation" shall be attached.)

717304v1



- NOTES:
1. MILL 2.0" FROM ROADWAY SURFACE STA 0+00 TO STA 6+00
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS AS DIRECTED
  5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  6. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  7. ADJUST CASTINGS TO FINISH GRADE
  8. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
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TOWN OF NATICK, MASSACHUSETTS  
 DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
 75 WEST STREET, NATICK, MA 01900

ROADWAY IMPROVEMENTS AT  
 VARIOUS LOCATIONS 2020

POSSUM HOLLOW LANE

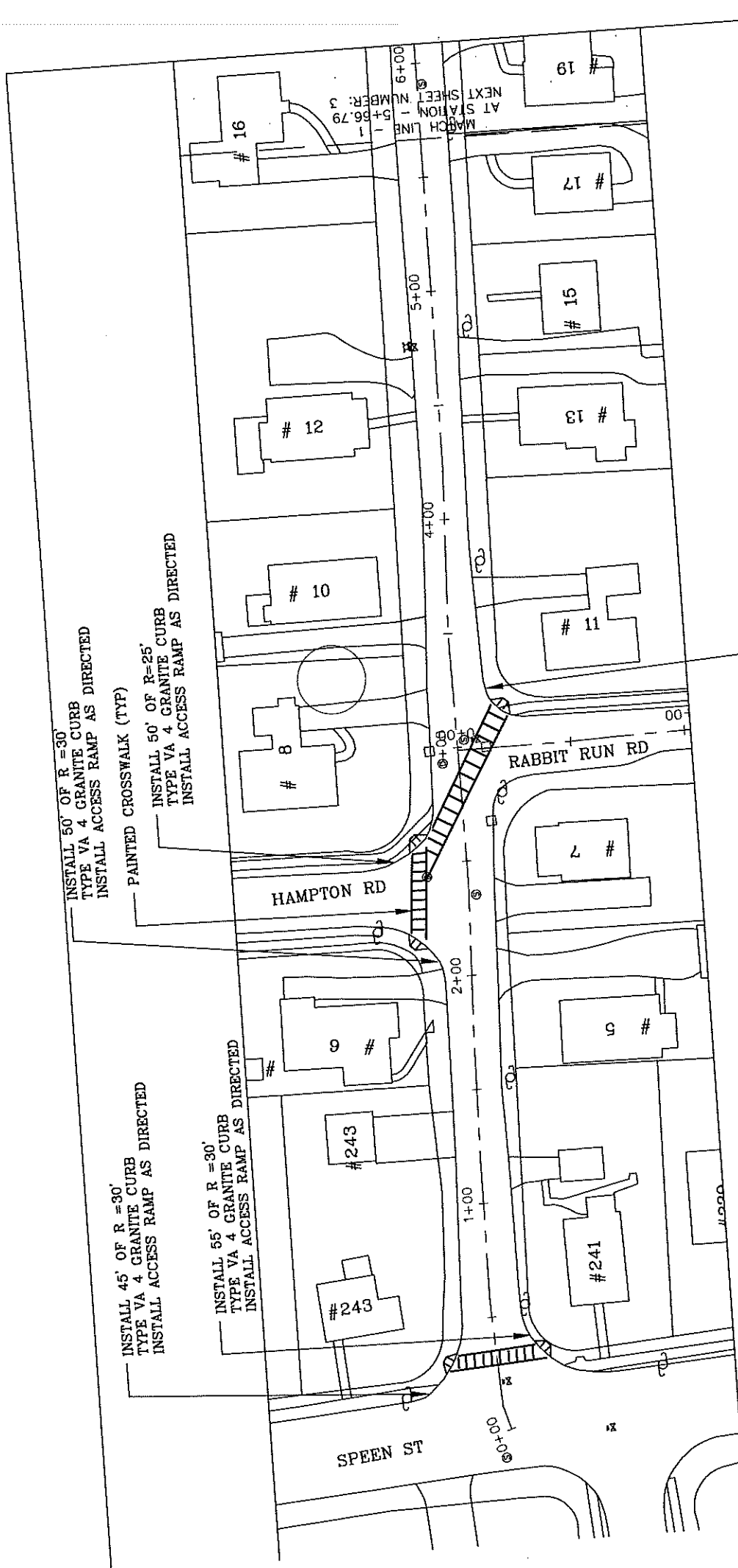
DATE: 2/6/2020

BY: JBH

SCALE: 1"=40'



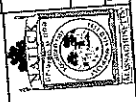
SCALE 1"=40'



- NOTES:
1. RECLAIM BASE COURSE FROM STA 0+00 TO STA 12+06
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VERT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT. CONC. PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS

INSTALL 30' OF R=25' TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

CEMENT CONCRETE ACCESS RAMP



TOWN OF NATICK, MASSACHUSETTS	
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION	
75 WEST STREET, NATICK, MA 01900	
ROADWAY IMPROVEMENTS AT	
VARIOUS LOCATIONS 2020	
PURINGTON AVENUE	
DATE: 2/6/2020	SHEET: 2

SCALE 1"=40'

PAINTED CROSSWALK (TYP)

INSTALL 30' OF R=25'  
TYPE VA 4 GRAN CURB  
INSTALL CONC ACCESS RAMP AS DIRECTED

INSTALL CONC ACCESS RAMP AS DIRECTED

RIDGE AV

# 24

# 22

# 20

# 18

# 16

# 12

MATCH LINE  
AT STATION - 8+59.19  
NEXT SHEET NUMBER - 4

8+00

7+00

6+00

5+00

9+00

10+00

11+00

# 27

# 25

# 23

# 21

# 19

# 17

# 15

# 13

INSTALL 30' OR R=25'  
TYPE VA 4 GRAN CURB  
INSTALL CONC ACCESS RAMP AS DIRECTED

NOTES:  
1. RECLAIM BASE COURSE FROM STA 0+00 TO STA 12+06  
2. PATCH EXISTING TRENCHES AS DIRECTED  
3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS  
4. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED  
5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED  
6. ADJUST CASTINGS TO FINISH GRADE AND 1.5" TOP WEARING COURSE  
7. PLACE 2.5" BINDER PAVEMENT  
8. OF BIT. CONC. PAVEMENT  
9. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS  
10. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP



TOWN OF NANTUCKET, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET NANTUCKET, MA 01960

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

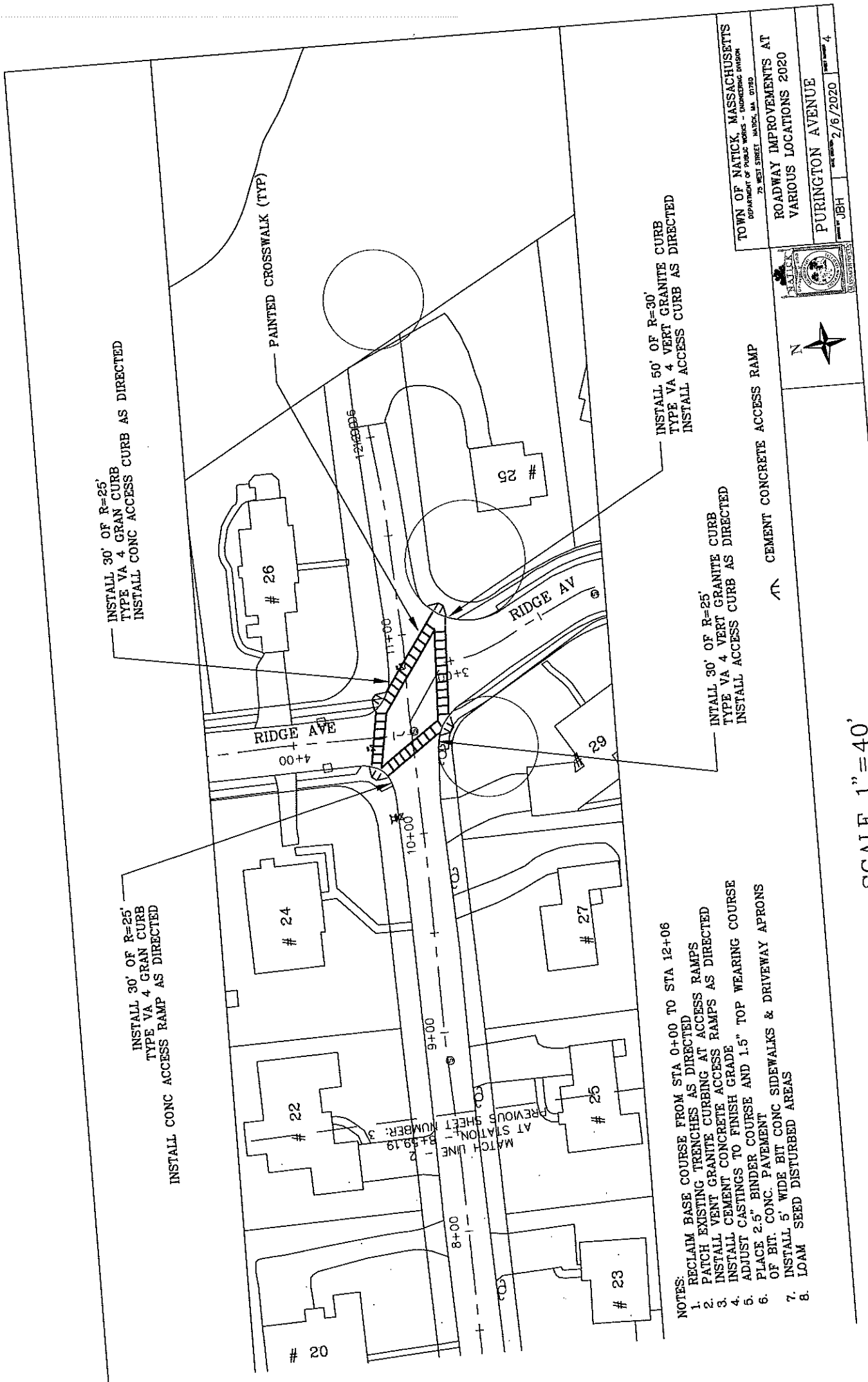
PURINGTON AVENUE

DATE: 2/6/2020

BY: JBH

SHEET 3

SCALE 1" = 40'



TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01907

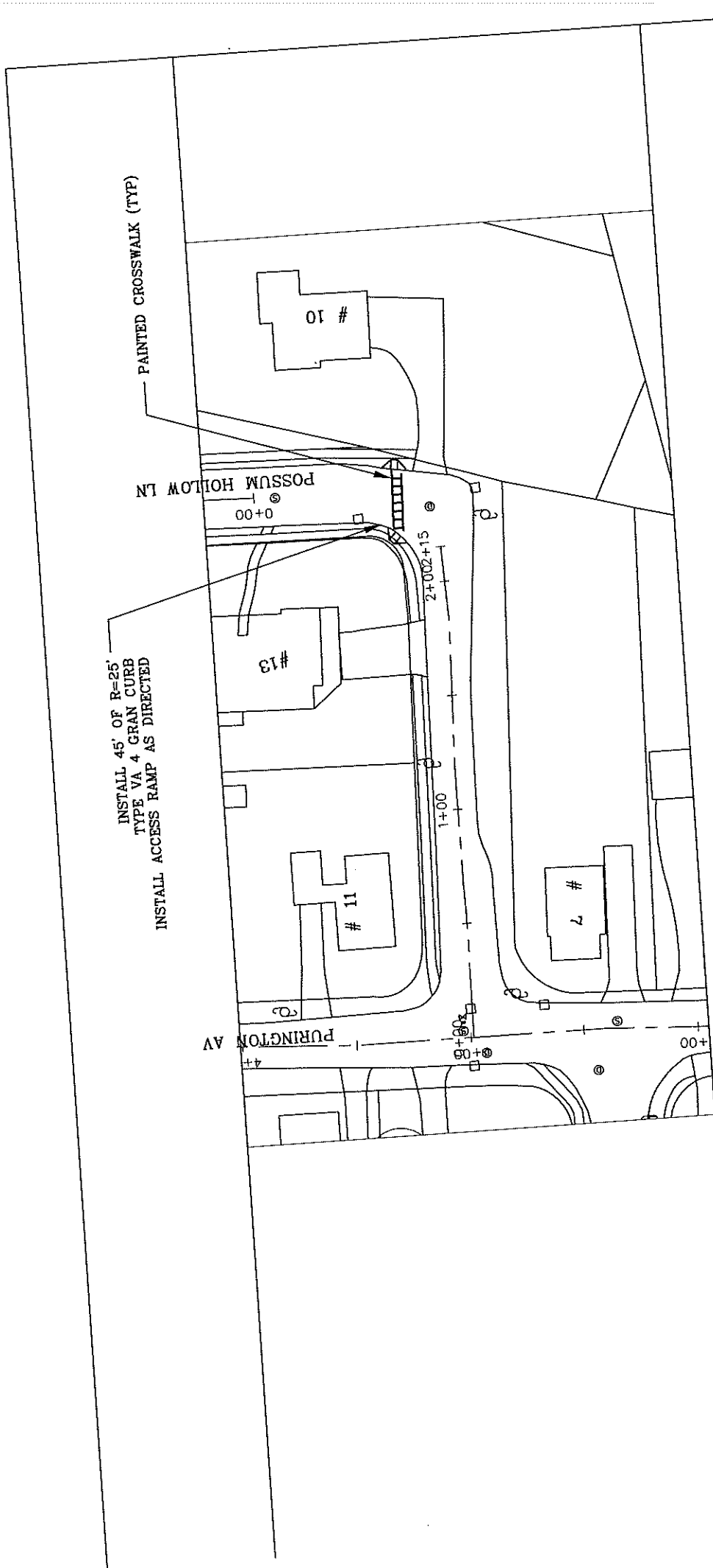
ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

PURINGTON AVENUE

DATE: 2/6/2020

BY: JBH

SHEET 4



- NOTES:
1. MILL 2.0" FROM ROADWAY SURFACE STA 0+00 TO STA 2+15
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS

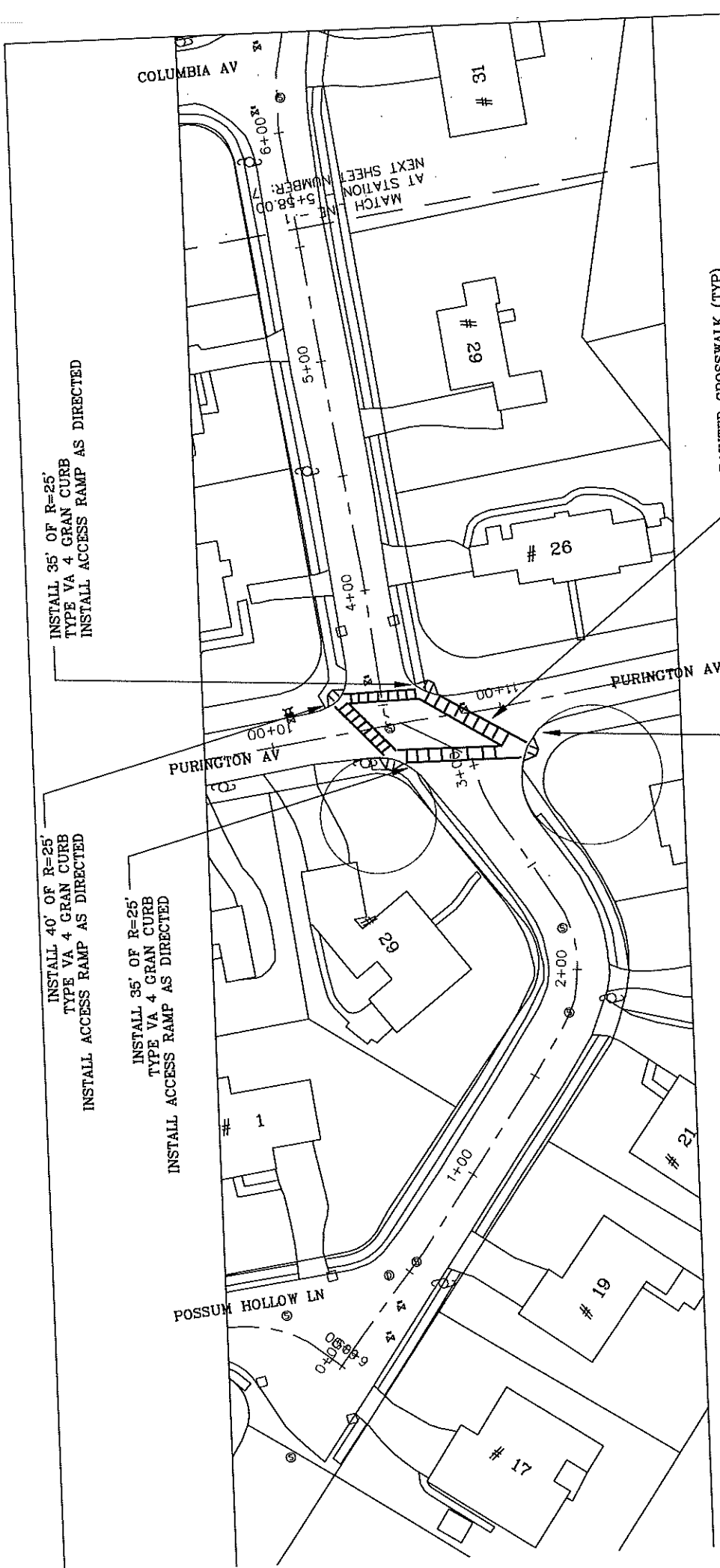
CEMENT CONCRETE ACCESS RAMP



TOWN OF NATICK, MASSACHUSETTS	
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION	
75 WEST STREET, NATICK, MA. 01760	
ROADWAY IMPROVEMENTS AT	
VARIOUS LOCATIONS 2020	
RABBIT RUN ROAD	
DATE: 2/6/2020	BY: JBH
SCALE: 1"=40'	SHEET: 5

SCALE 1"=40'





- NOTES:
- MILL 2.0" FROM ROADWAY SURFACE STA 0+00 TO STA 10+52
  - PATCH EXISTING TRENCHES AS DIRECTED
  - INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  - INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  - ADJUST CASTINGS TO FINISH GRADE
  - PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
  - INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  - LOAM SEED DISTURBED AREAS

INSTALL 45' OF R=30'  
TYPE VA 4 GRAN CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 40' OF R=25'  
TYPE VA 4 GRAN CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 35' OF R=25'  
TYPE VA 4 GRAN CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 35' OF R=25'  
TYPE VA 4 GRAN CURB  
INSTALL ACCESS RAMP AS DIRECTED

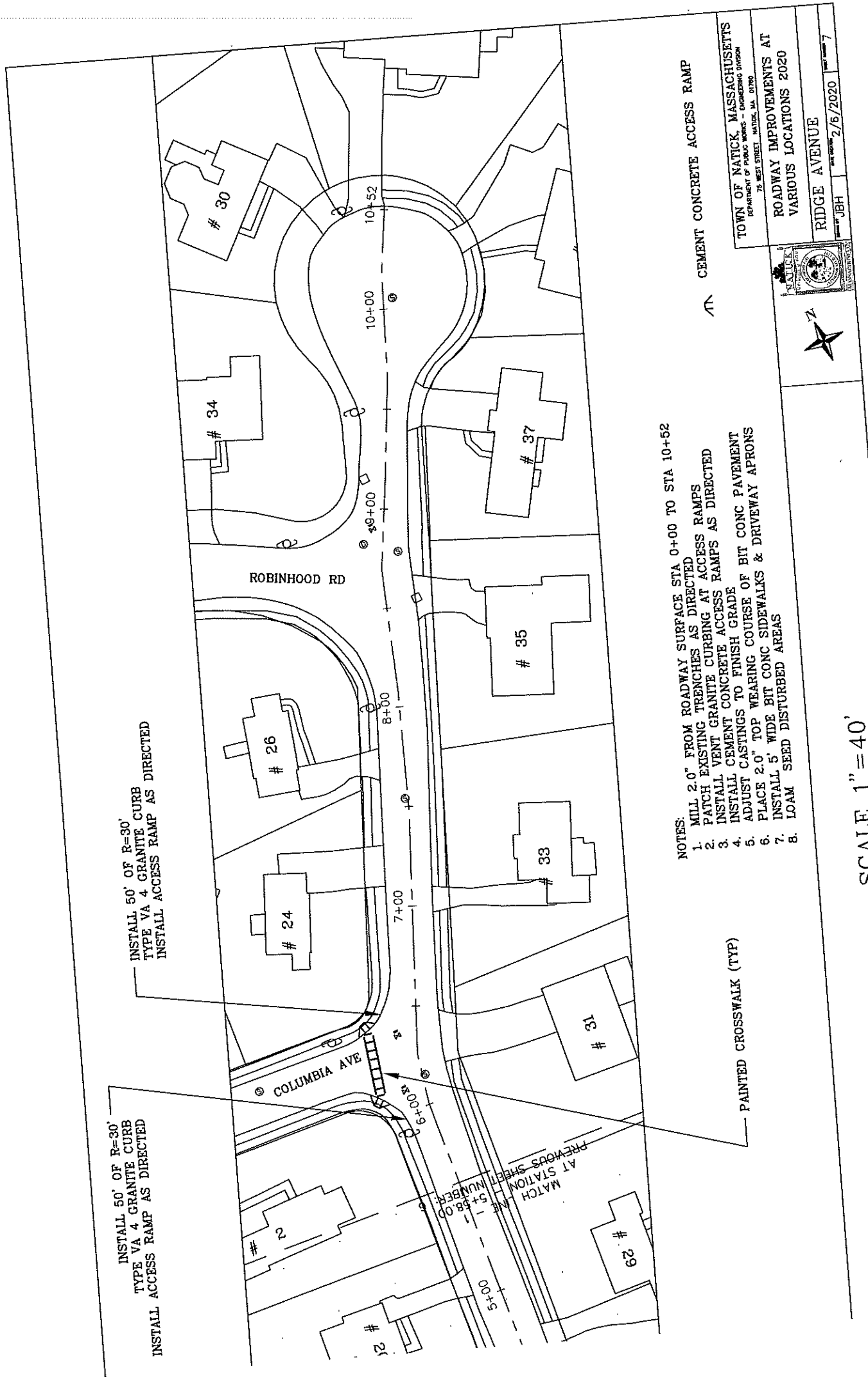
PAINTED CROSSWALK (TYP)

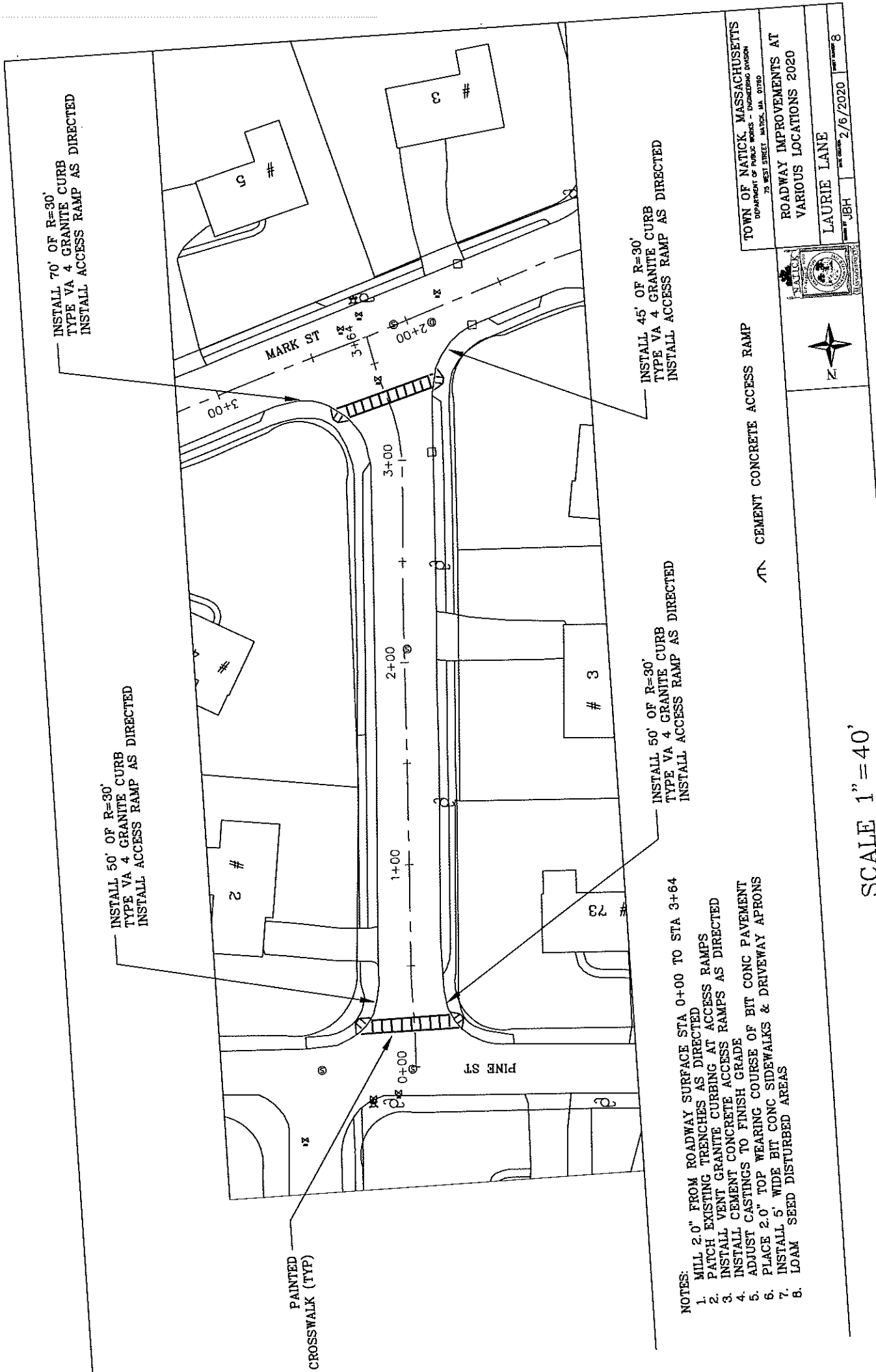
CEMENT CONCRETE ACCESS RAMP



SCALE 1"=40'

TOWN OF NATICK, MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS & ENGINEERING DIVISION 75 WEST STREET, NATICK, MA 01960	
ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS 2020	
RIDGE AVENUE	
DESIGNED BY J.B.H.	DATE 2/6/2020
SHEET NUMBER 6	



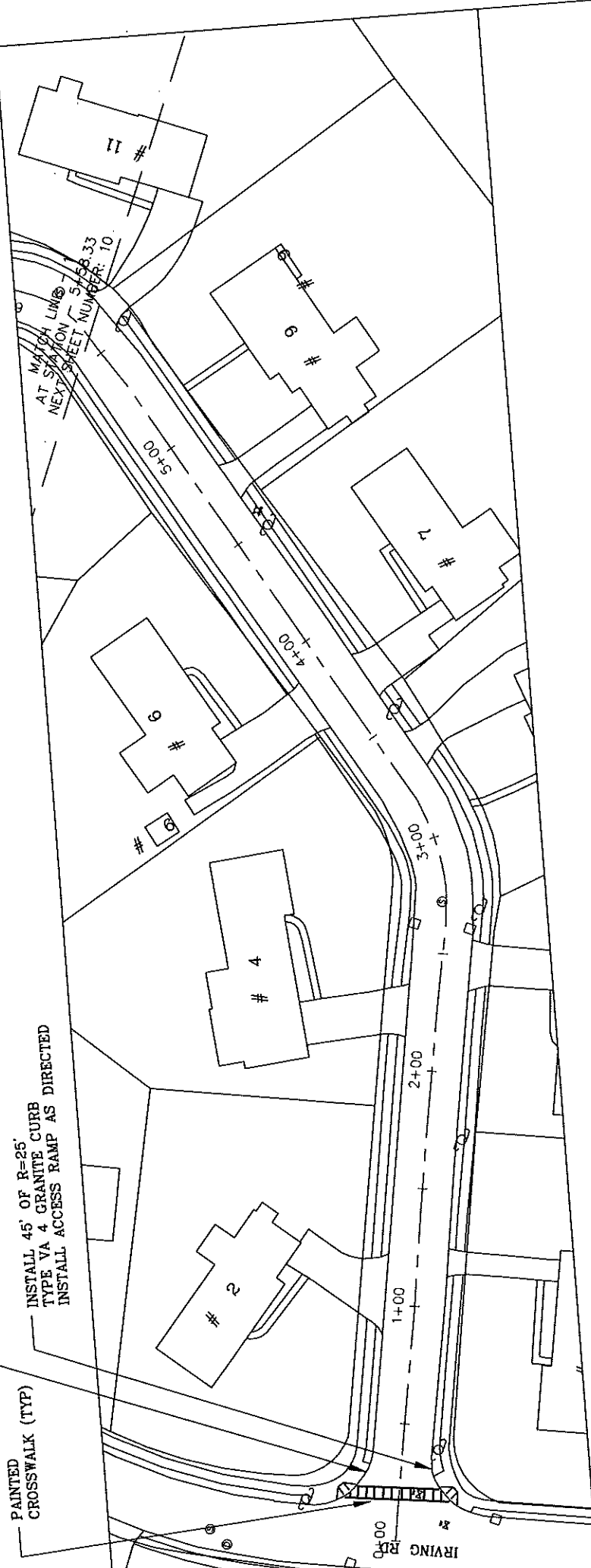


INSTALL 40' OF R=25'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 45' OF R=25'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

PAINTED  
CROSSWALK (TYP)

MATCH LINE  
AT STATION 5+68.33  
NEXT SHEET NUMBER: 10



NOTES:  
MILL 2.0" FROM ROADWAY SURFACE STA 0+00 TO STA 5+64

1. PATCH EXISTING TRENCHES AS DIRECTED
2. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
3. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED
4. INSTALL CEMENT TO FINISH GRADE
5. ADJUST CASTINGS TO FINISH GRADE
6. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
7. INSTALL 5 WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
8. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP



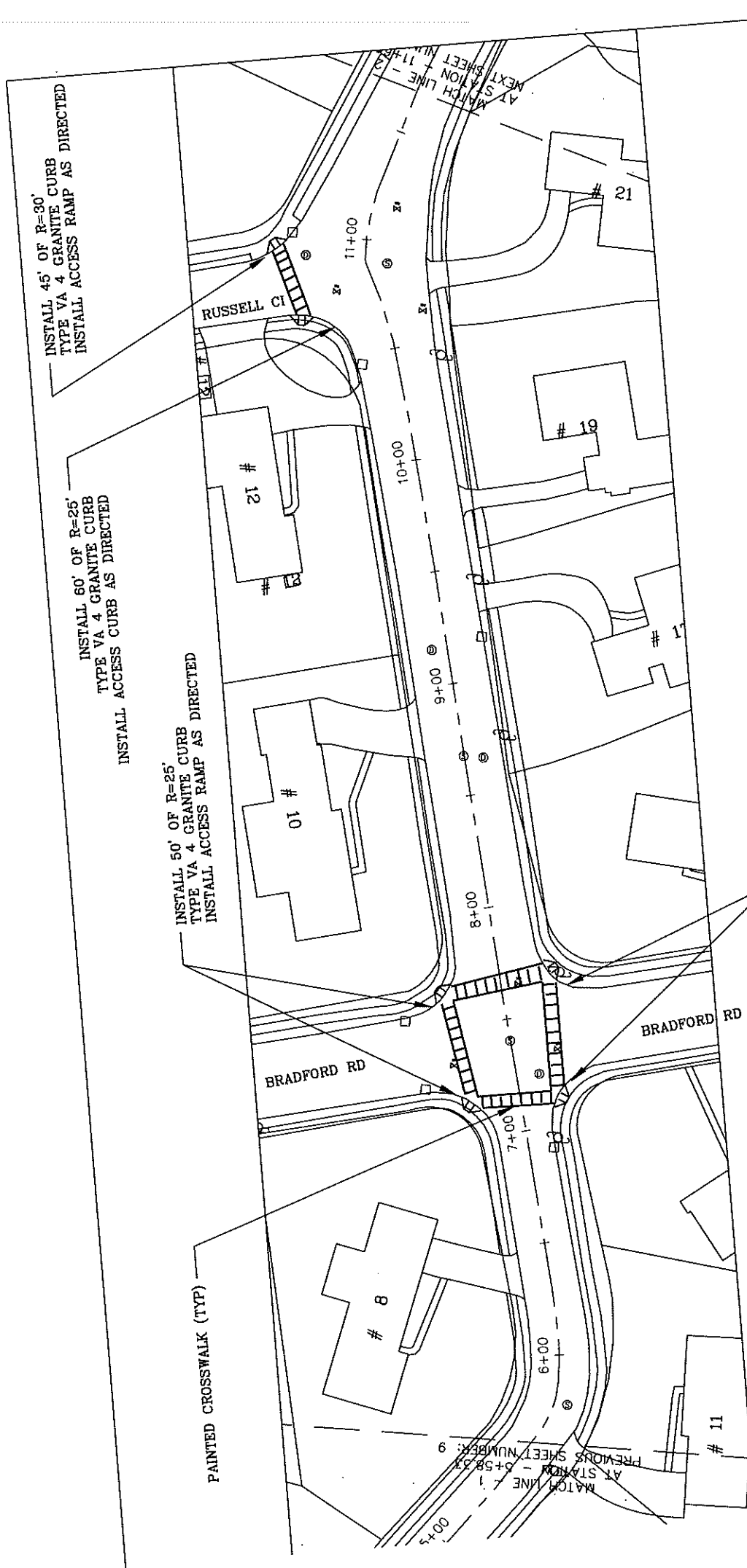
TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01750

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

LIBERTY STREET

DATE: 2/6/2020  
DRAWN BY: J.B.H.  
SHEET NUMBER: 9

SCALE 1" = 40'



INSTALL 50' OF R=25' TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

CEMENT CONCRETE ACCESS PAD

- NOTES:
1. MILL 2.0" FROM ROADWAY SURFACE STA 5+60 TO STA 11+85
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS



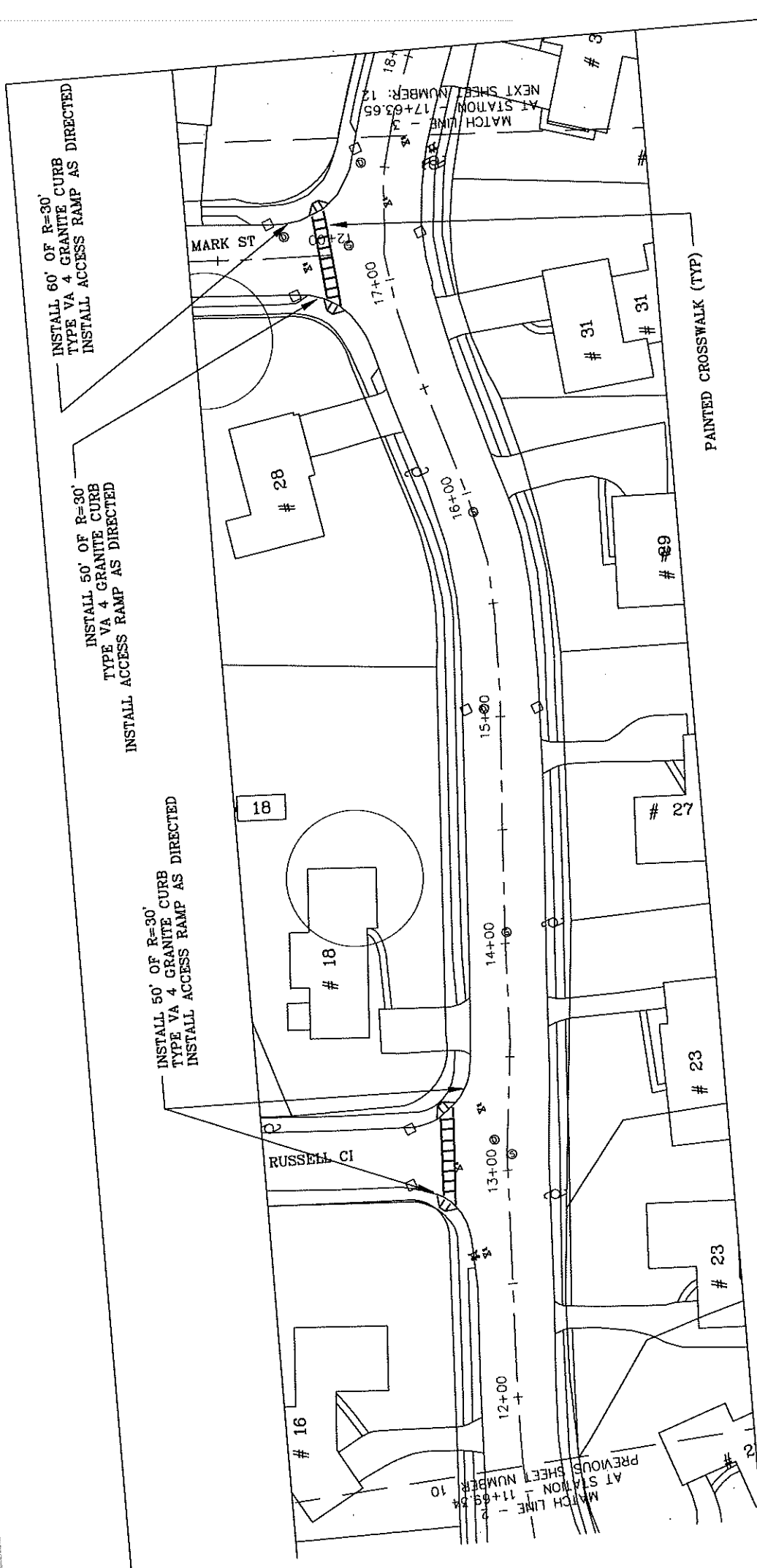
TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01909

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

LIBERTY STREET

DATE: 2/6/2020  
DRAWN BY: JBH  
SCALE: 1"=40'

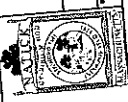
SCALE 1"=40'



NOTES: 1. MILL 2.0" FROM ROADWAY SURFACE STA 11+85 TO STA 17+95

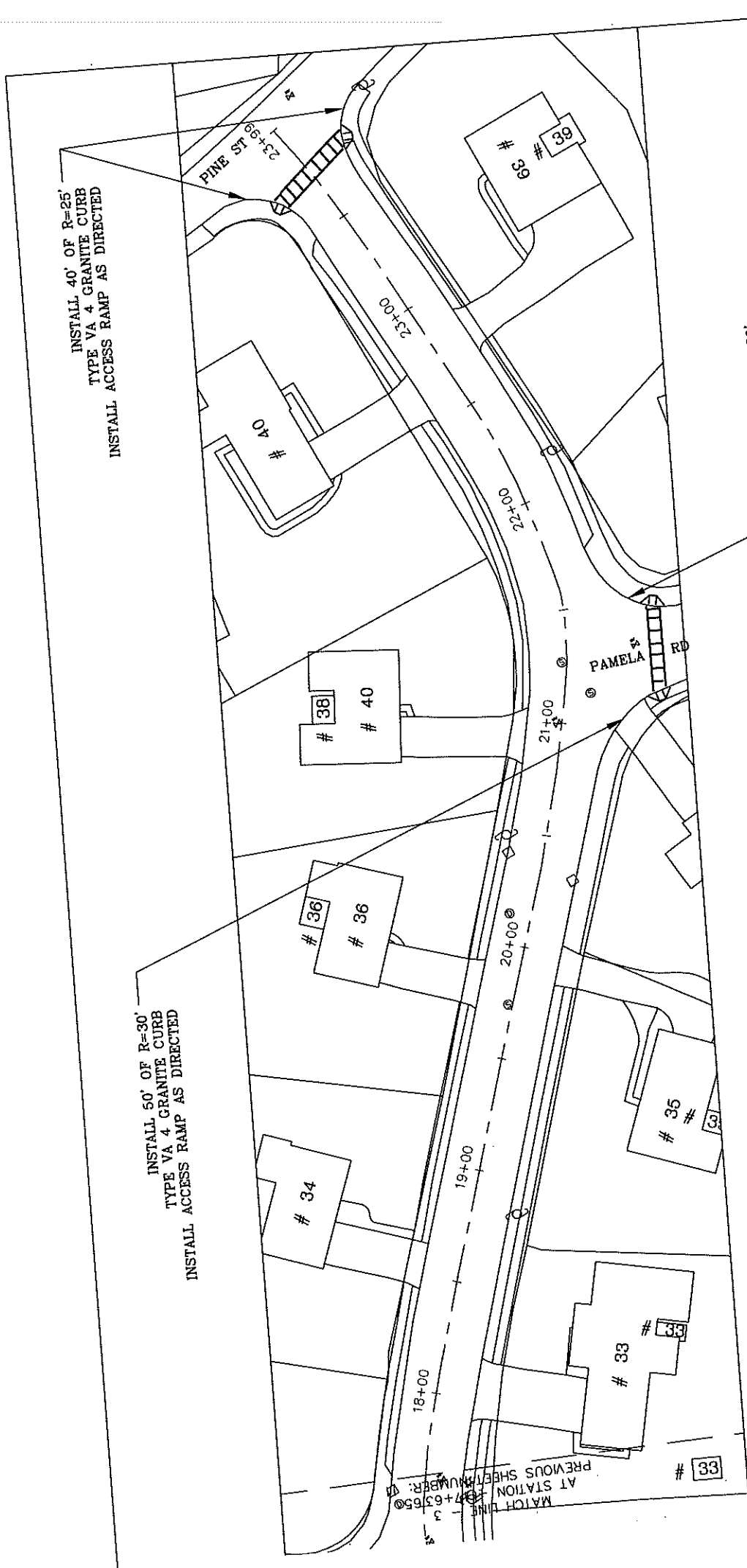
2. PATCH EXISTING TRENCHES AS DIRECTED
3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
5. ADJUST CASTINGS TO FINISH GRADE
6. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
8. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP



TOWN OF NATICK, MASSACHUSETTS  
 DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
 75 WEST STREET, NATICK, MA 01909  
 ROADWAY IMPROVEMENTS AT  
 VARIOUS LOCATIONS 2020  
 LIBERTY STREET  
 J.B.H. 2/6/2020 11

SCALE 1"=40'

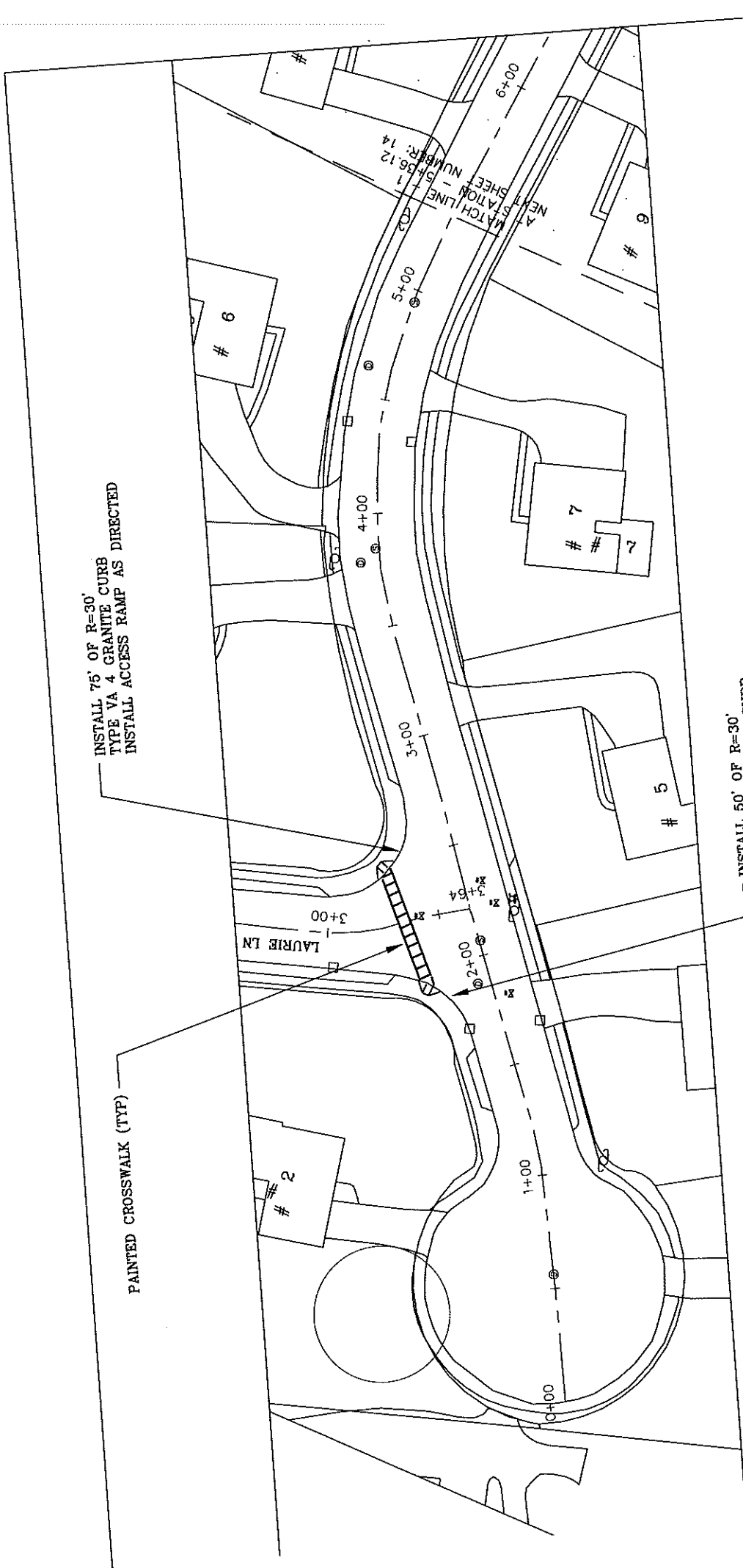


- NOTES:
1. MILL 2.0" FROM ROADWAY SURFACE STA 17+93 TO STA 23+99
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP

TOWN OF NATICK, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION
75 WEST STREET, NATICK, MA 01900
ROADWAY IMPROVEMENTS AT
VARIOUS LOCATIONS 2020
LIBERTY STREET
DATE: 2/6/2020
BY: JBH
SHEET: 12

SCALE 1"=40'



- NOTES:
1. RECLAIM BASE COURSE FROM STA 0+00 TO STA 5+22
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED
  5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  6. ADJUST CASTINGS TO FINISH GRADE
  7. ADJUST CASTINGS TO FINISH GRADE
  8. PLACE 2.5" BINDER COURSE AND 1.5" WEARING COURSE OF BIT CONC PAVEMENT
  9. PLACE 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  10. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  11. LOAM SEED DISTURBED AREAS

INSTALL 50' OF R=30' TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS NEEDED

INSTALL 75' OF R=30' TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

PAINTED CROSSWALK (TYP)

CEMENT CONCRETE ACCESS RAMP



TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01900

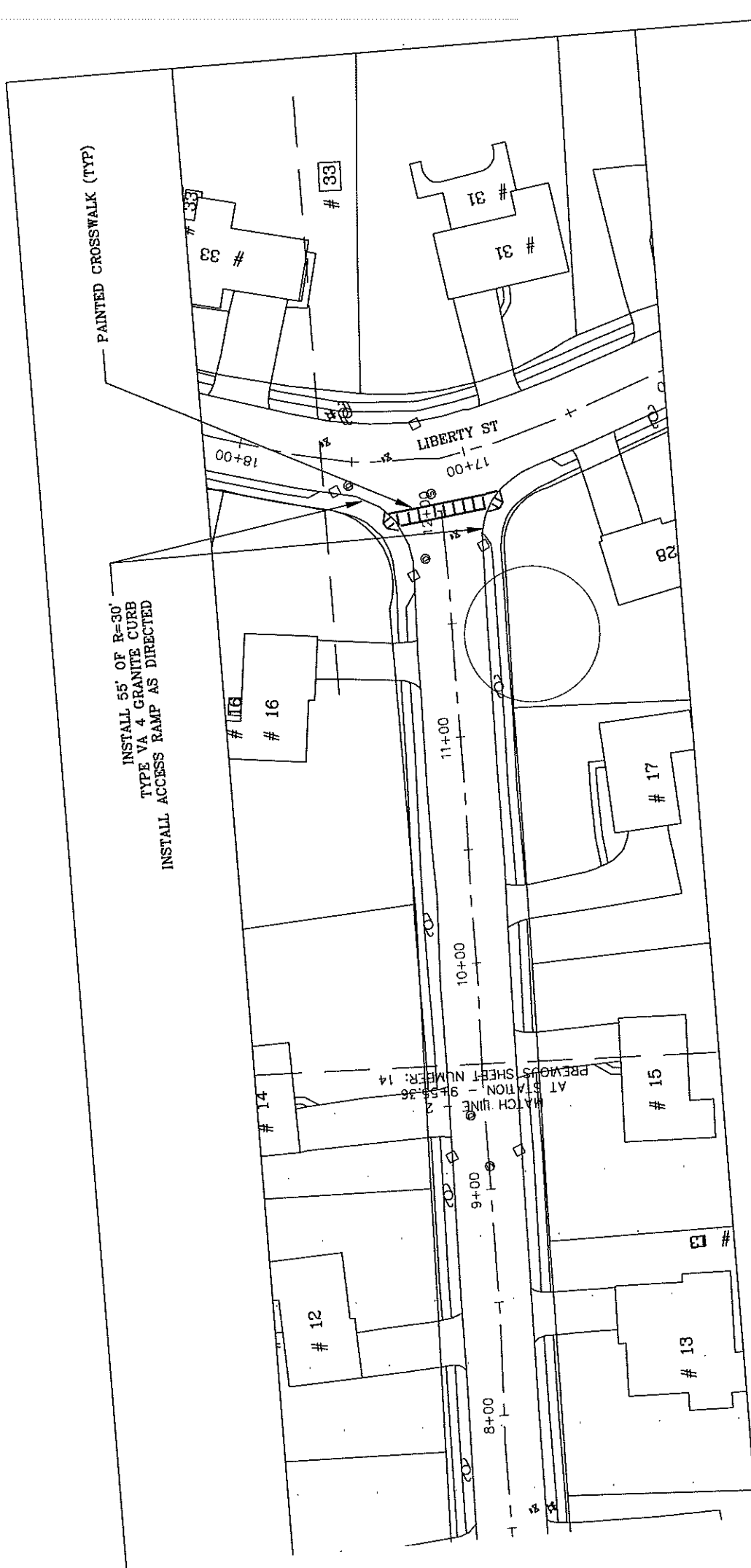
ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

MARK STREET

DATE: 2/6/2020  
DRAWN BY: JBH  
SCALE: 1"=40'







NOTES:

1. RECLAIM BASE COURSE FROM STA 9+64 TO STA 12+00
2. PATCH EXISTING TRENCHES AS DIRECTED
3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMP
4. INSTALL VENT GRANITE CURBING AT ACCESS RAMP AS DIRECTED
5. INSTALL CEMENT CONCRETE ACCESS RAMP AS DIRECTED
6. ADJUST CASTINGS TO FINISH GRADE
7. PLACE 2.5" BINDER COURSE AND 1.5" WEARING COURSE OF BIT CONC PAVEMENT
8. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
9. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP



TOWN OF NATICK, MASSACHUSETTS  
 DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
 75 WEST STREET, NATICK, MA 01907

ROADWAY IMPROVEMENTS AT  
 VARIOUS LOCATIONS 2020

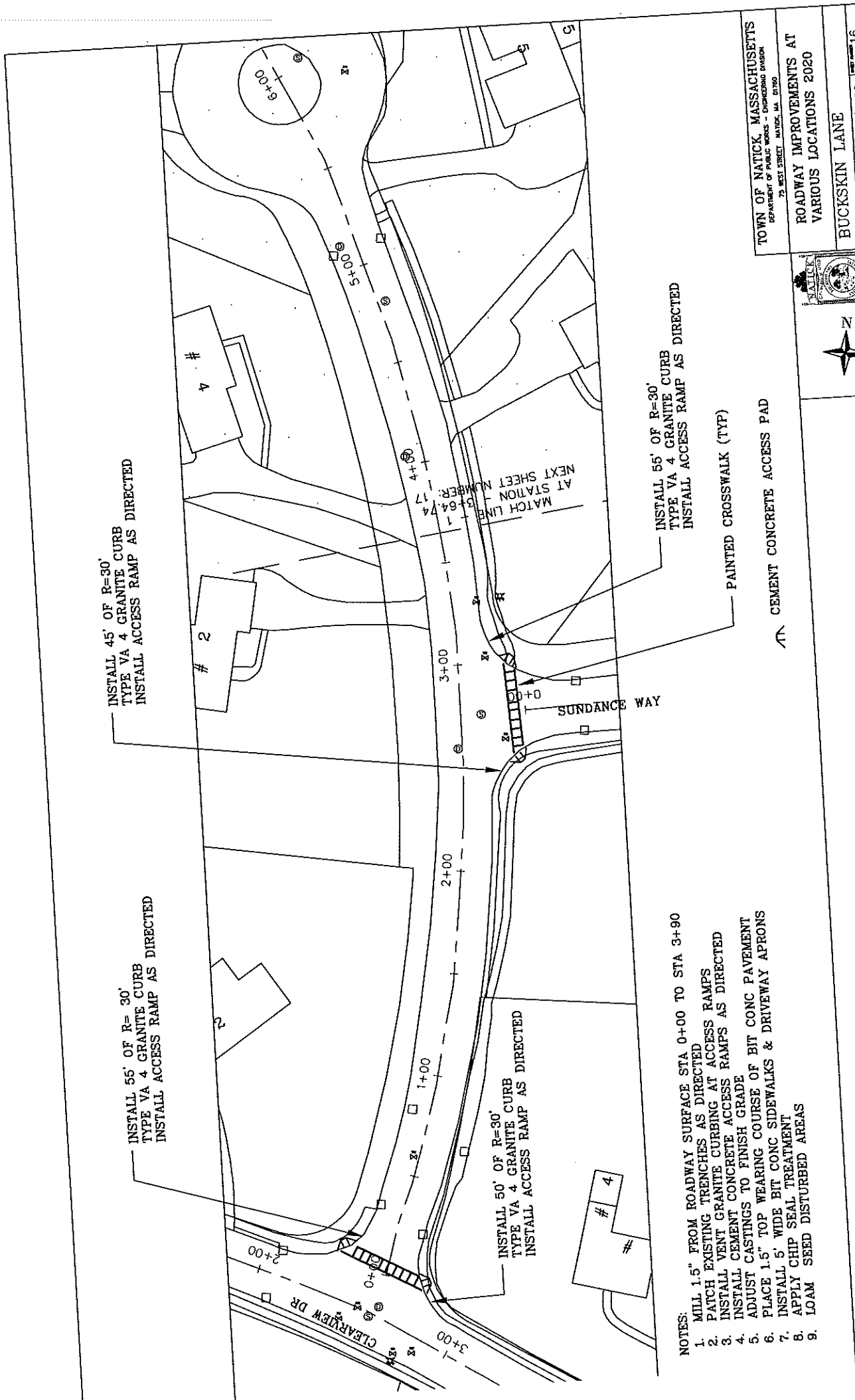
MARK STREET

JBH

DATE: 2/6/2020

SHEET: 15

SCALE 1"=40'



- NOTES:
1. MILL 1.5" FROM ROADWAY SURFACE STA 0+00 TO STA 3+90
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5" WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. APPLY CHIP SEAL TREATMENT
  9. LOAM SEED DISTURBED AREAS

SCALE 1"=40'



TOWN OF NATICK, MASSACHUSETTS  
 DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
 75 WEST STREET, NATICK, MA 01900

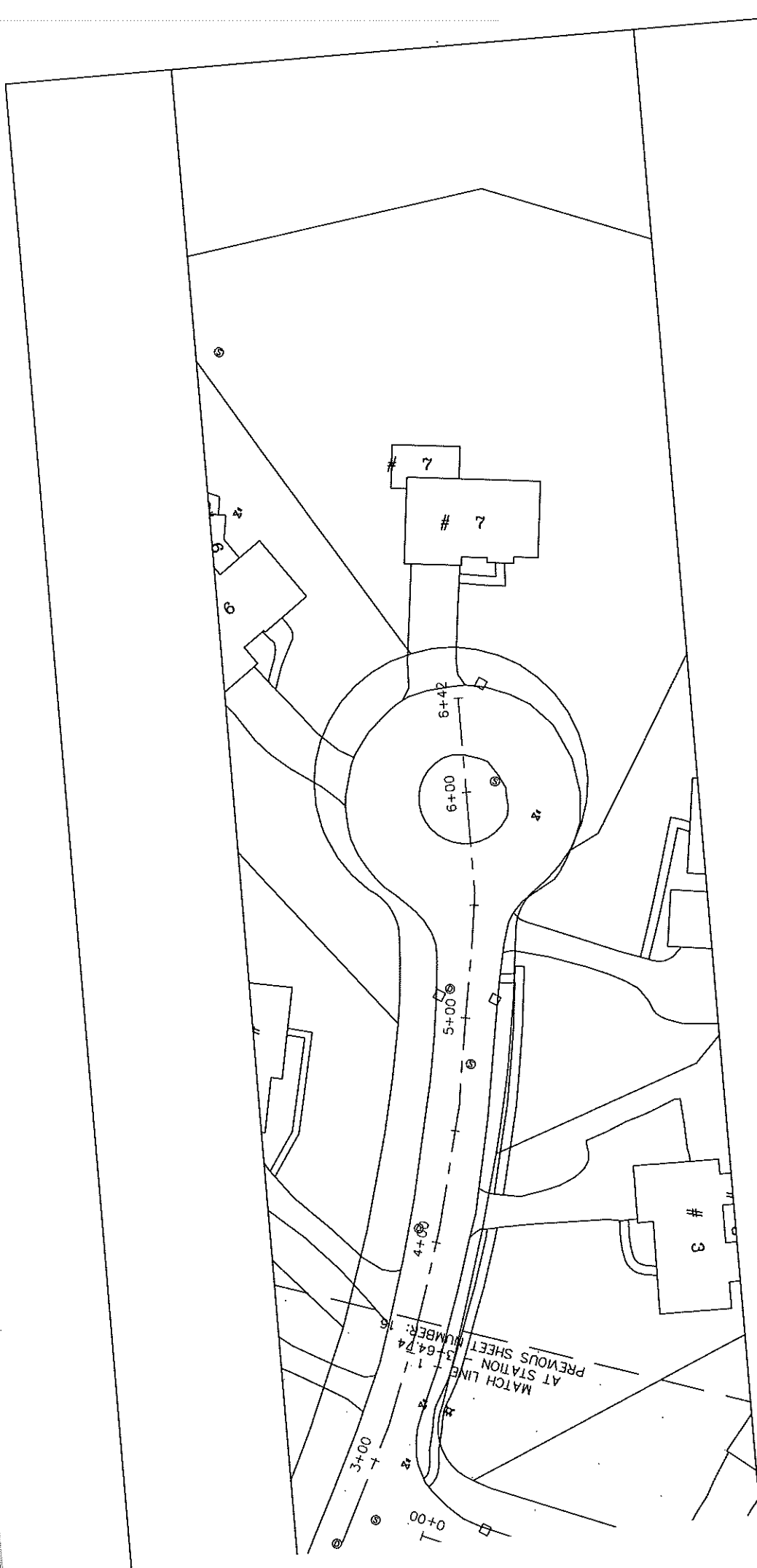
ROADWAY IMPROVEMENTS AT  
 VARIOUS LOCATIONS 2020

BUCKSKIN LANE

DATE: 2/6/2020

BY: JBH

16



NOTES:

1. MILL 1.5" FROM ROADWAY SURFACE STA 3+90 TO STA 6+42
2. PATCH EXISTING TRENCHES AS DIRECTED
3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
4. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED
5. INSTALL CEMENT TO FINISH GRADE
6. ADJUST CASTINGS TO FINISH GRADE
7. PLACE 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
8. PLACE 1.5" TOP WEARING COURSE OF BIT CONC SIDEWALKS & DRIVEWAY APRONS
9. INSTALL 5' WIDE BIT CONC SEAL TREATMENT
10. APPLY CHIP SEAL TREATMENT
11. LOAM SEED DISTURBED AREAS



TOWN OF NATICK, MASSACHUSETTS  
 DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
 75 WEST STREET, NATICK, MA 01910

ROADWAY IMPROVEMENTS AT  
 VARIOUS LOCATIONS 2020

BUCKSKIN LANE

DATE: 2/6/2020  
 DRAWN BY: JBH  
 SHEET: 17

SCALE 1"=40'

INSTALL 50' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 55' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

BUCKSKIN LN

STATION  
NUMBER: 19  
MATCH LINE  
NEXT SHEET: 15+71.09

PAINTED CROSSWALK (TYP)

NOTES:  
1. MILL 2.0" FROM ROADWAY SURFACE STA 0+00 TO STA 5+64  
2. PATCH EXISTING TRENCHES AS DIRECTED  
3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS  
4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED  
5. ADJUST CASTINGS TO FINISH GRADE  
6. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT  
7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS  
8. APPLY CHIP SEAL TREATMENT  
9. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP



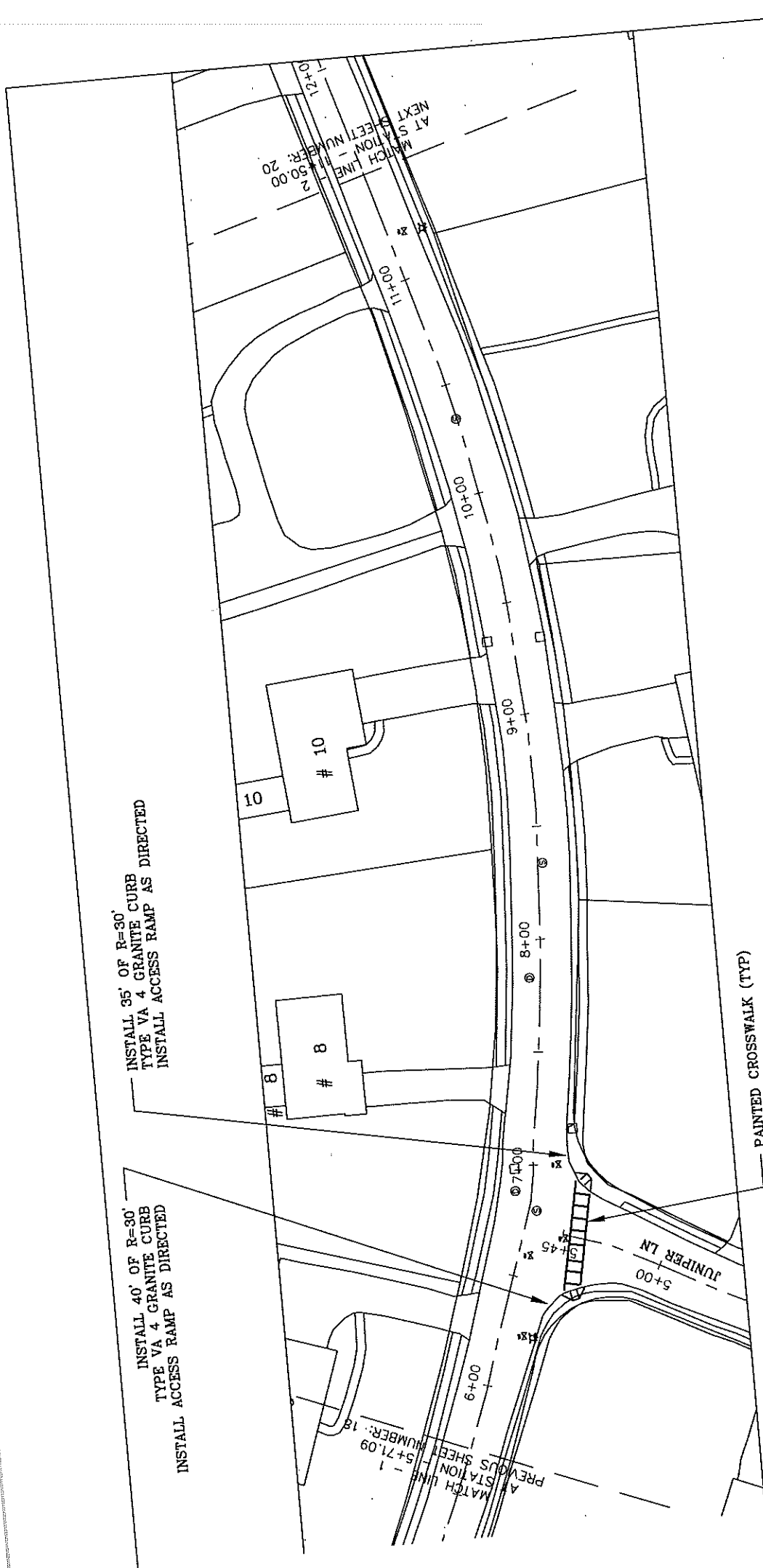
TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - DISORDERING DIVISION  
75 WEST STREET, NATICK, MA 01740

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

CLEARVIEW DRIVE

DATE: 2/6/2020  
DRAWN BY: JEH  
SHEET: 18

SCALE 1"=40'



NOTES:

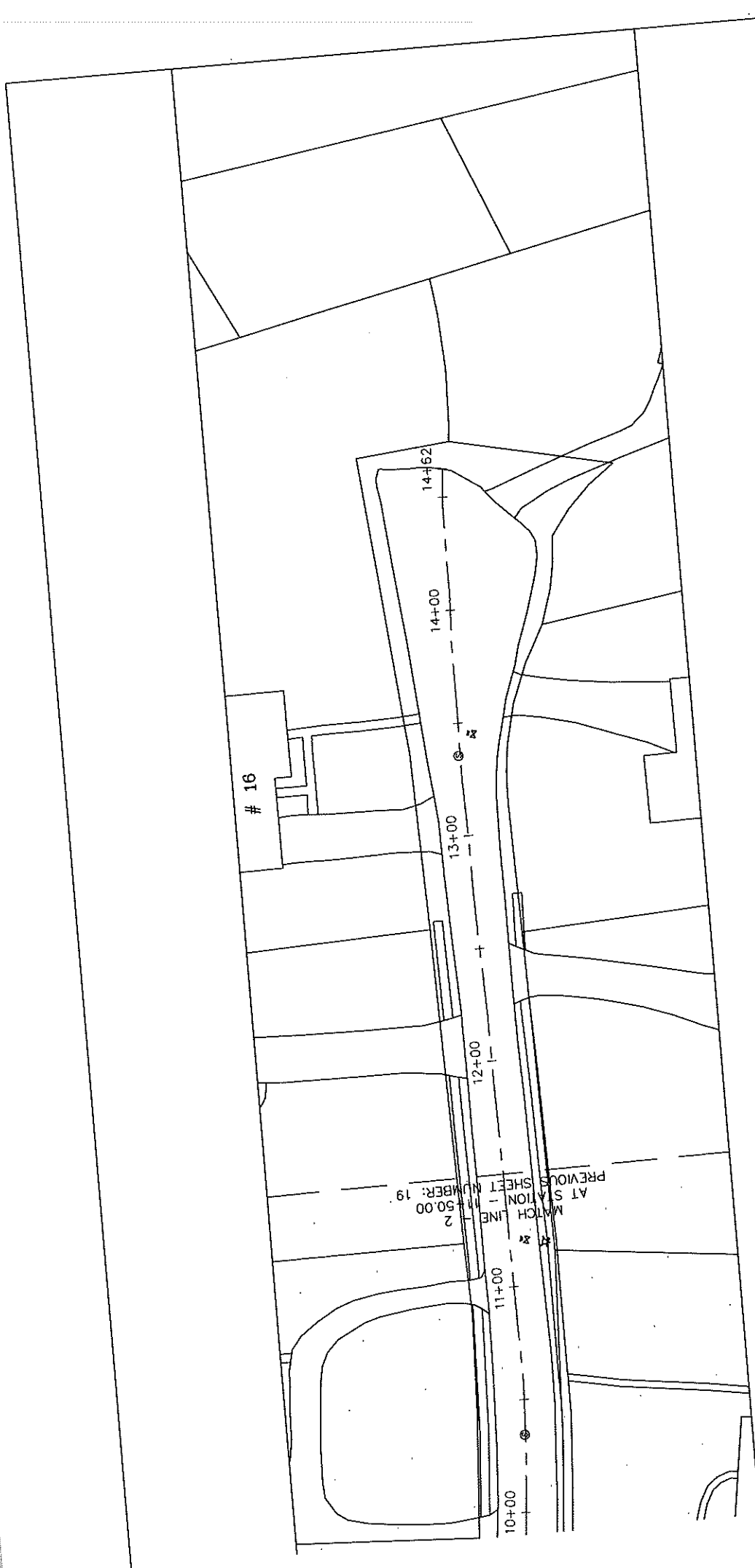
1. MILL 2.0" FROM ROADWAY SURFACE STA 5+60 TO STA 11+00
2. PATCH EXISTING TRENCHES AS DIRECTED
3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMP
4. INSTALL VENT GRANITE CURBING AT ACCESS RAMP AS DIRECTED
5. INSTALL CEMENT CONCRETE ACCESS RAMP
6. ADJUST CASTINGS TO FINISH GRADE
7. ADJUST CASTINGS TO FINISH GRADE
8. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
9. PLACE 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
10. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
11. APPLY CHIP SEAL TREATMENT
12. LOAM SEED DISTURBED AREAS



CEMENT CONCRETE ACCESS RAMP

TOWN OF NATICK, MASSACHUSETTS	
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION	
75 WEST STREET, NATICK, MA 01908	
ROADWAY IMPROVEMENTS AT	
VARIOUS LOCATIONS 2020	
CLEARVIEW DRIVE	
DATE: 2/6/2020	SHEET: 19

SCALE 1"=40'



NOTES: MILL 2.0" FROM ROADWAY SURFACE STA 11+60 TO STA 14+62

1. PATCH EXISTING TRENCHES AS DIRECTED
2. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
3. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED
4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
5. ADJUST CASTINGS TO FINISH GRADE OF BIT CONC PAVEMENT
6. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
7. PLACE 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
8. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
9. APPLY CHIP SEAL TREATMENT
10. LOAM SEED DISTURBED AREAS



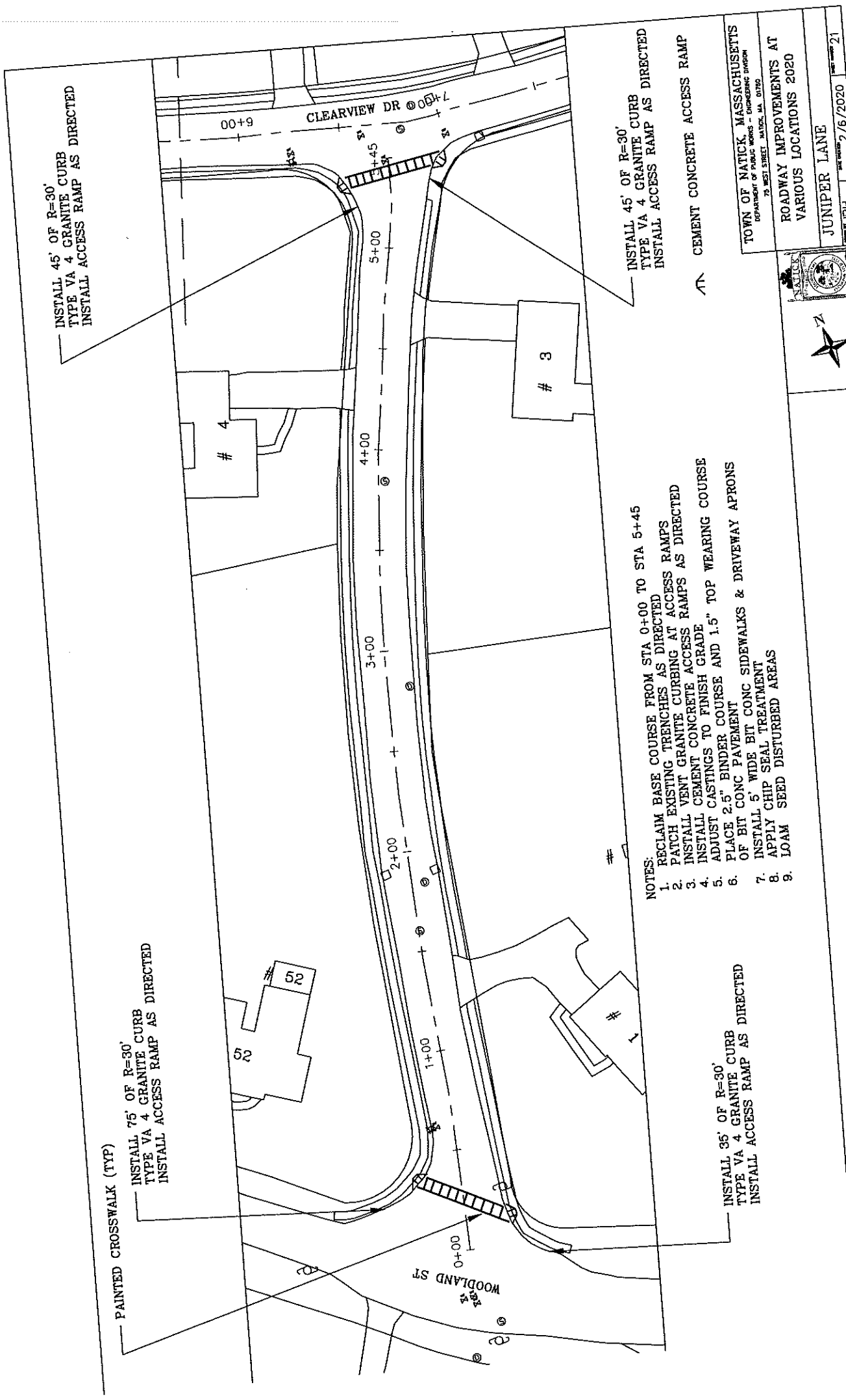
TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01900

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

CLEARVIEW DRIVE

DATE: 2/6/2020

SCALE 1"=40'



INSTALL 45' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

PAINTED CROSSWALK (TYP)

INSTALL 75' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 45' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

- NOTES:
1. RECLAIM BASE COURSE FROM STA 0+00 TO STA 5+45
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. PLACE 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. INSTALL CHIP SEAL TREATMENT
  9. LOAM SEED DISTURBED AREAS

INSTALL 35' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

CEMENT CONCRETE ACCESS RAMP

TOWN OF NANTUCKET, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NANTUCKET, MA 01990

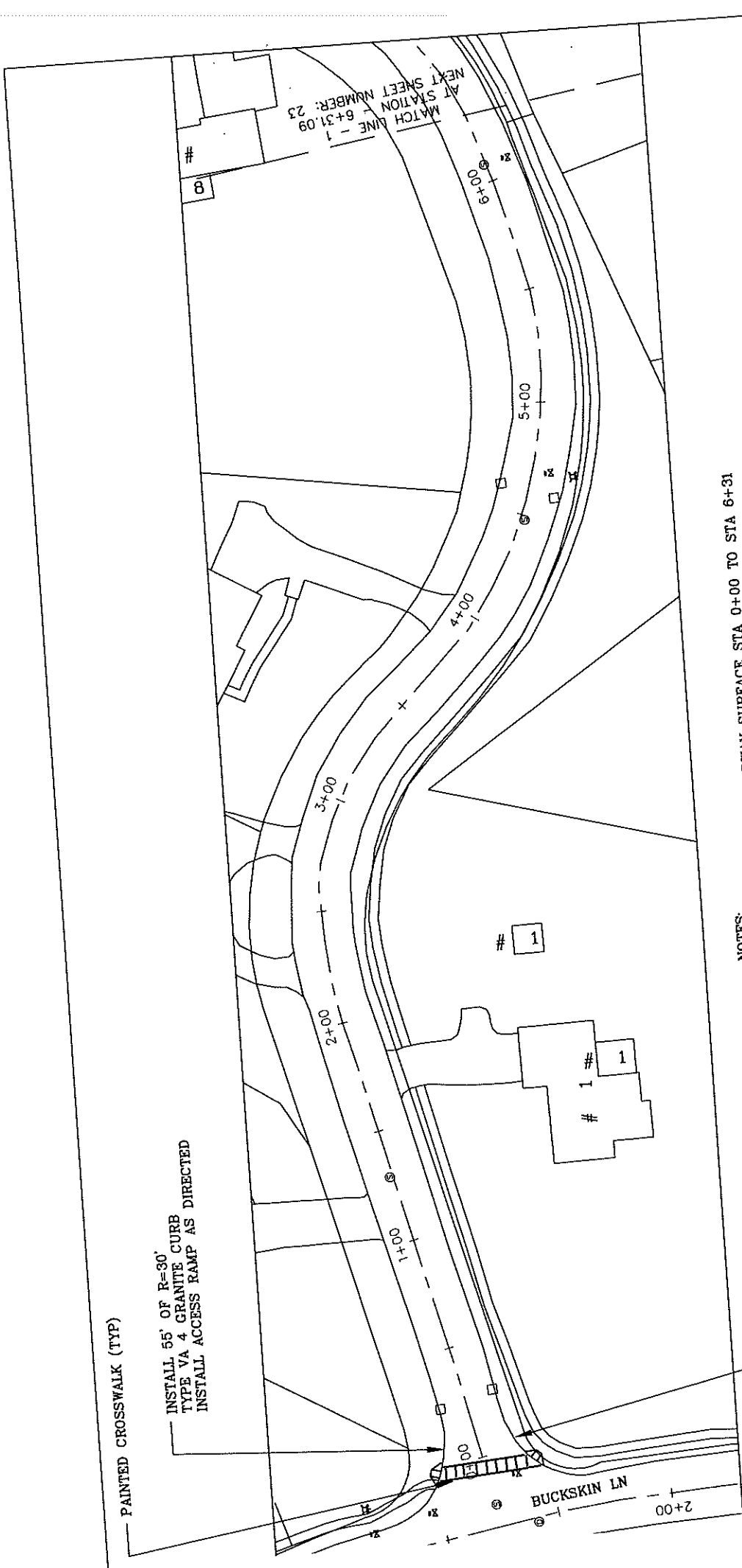
ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

JUNIPER LANE



SCALE 1"=40'





- NOTES:
1. MILL 1.5" FROM ROADWAY SURFACE STA 0+00 TO STA 6+31
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED
  5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  6. ADJUST CASTINGS TO FINISH GRADE
  7. PLACE 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  8. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  9. APPLY CHIP SEAL TREATMENT
  10. LOAM SEED DISTURBED AREAS

INSTALL 45' OF R=30' TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 55' OF R=30' TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

CEMENT CONCRETE ACCESS RAMP



TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01910

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

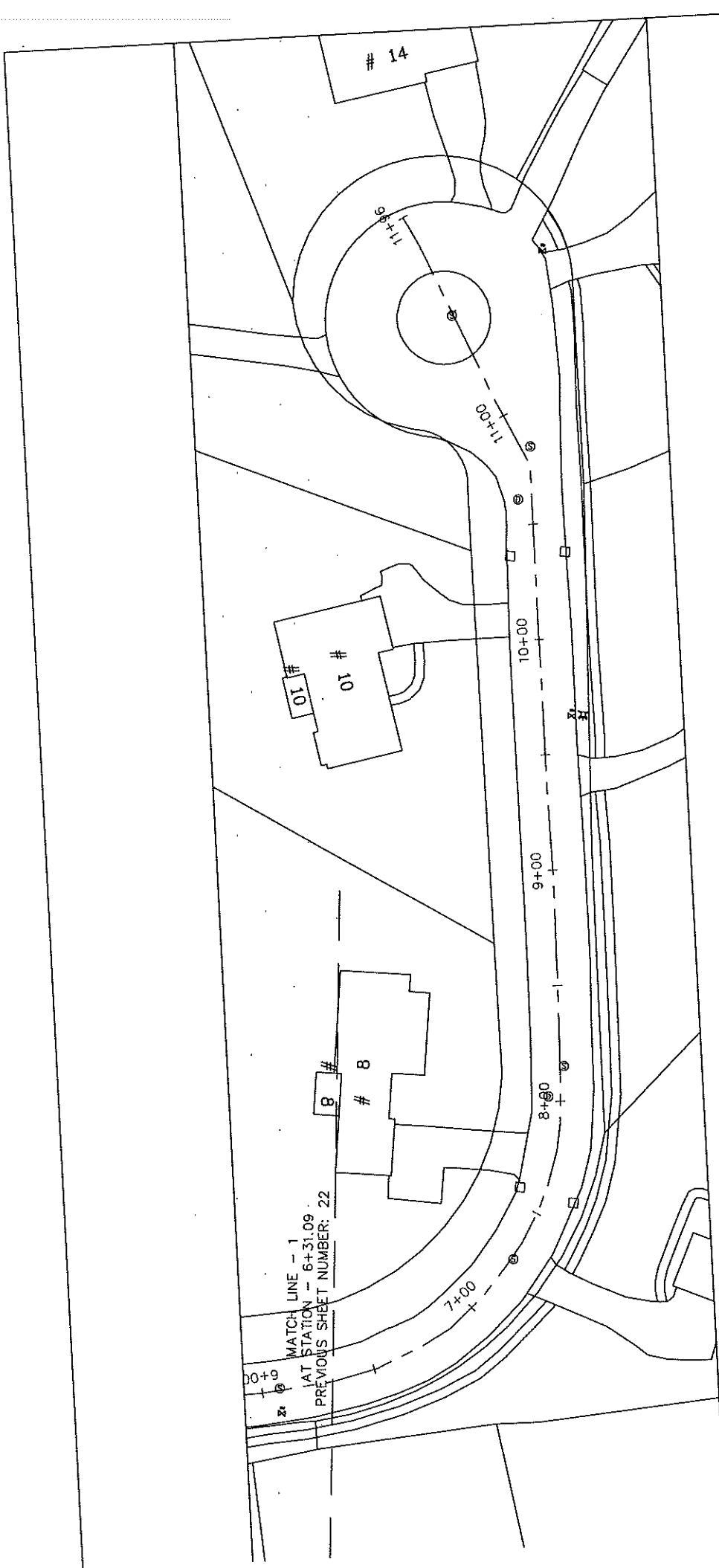
SUNDANCE WAY

DATE: 2/6/2020

BY: JBH

SHEET NUMBER: 22

SCALE 1" = 40'



- NOTES:
1. MILL 1.5" FROM ROADWAY SURFACE STA 6+11 TO STA 11+96
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED
  5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  6. ADJUST CASTINGS TO FINISH GRADE
  7. PLACE 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  8. PLACE 1.5" WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  9. INSTALL 5' WIDE BIT CONC SEAL TREATMENT
  10. APPLY CHIP SEAL TREATMENT
  11. LOAM SEED DISTURBED AREAS

SCALE 1"=40'



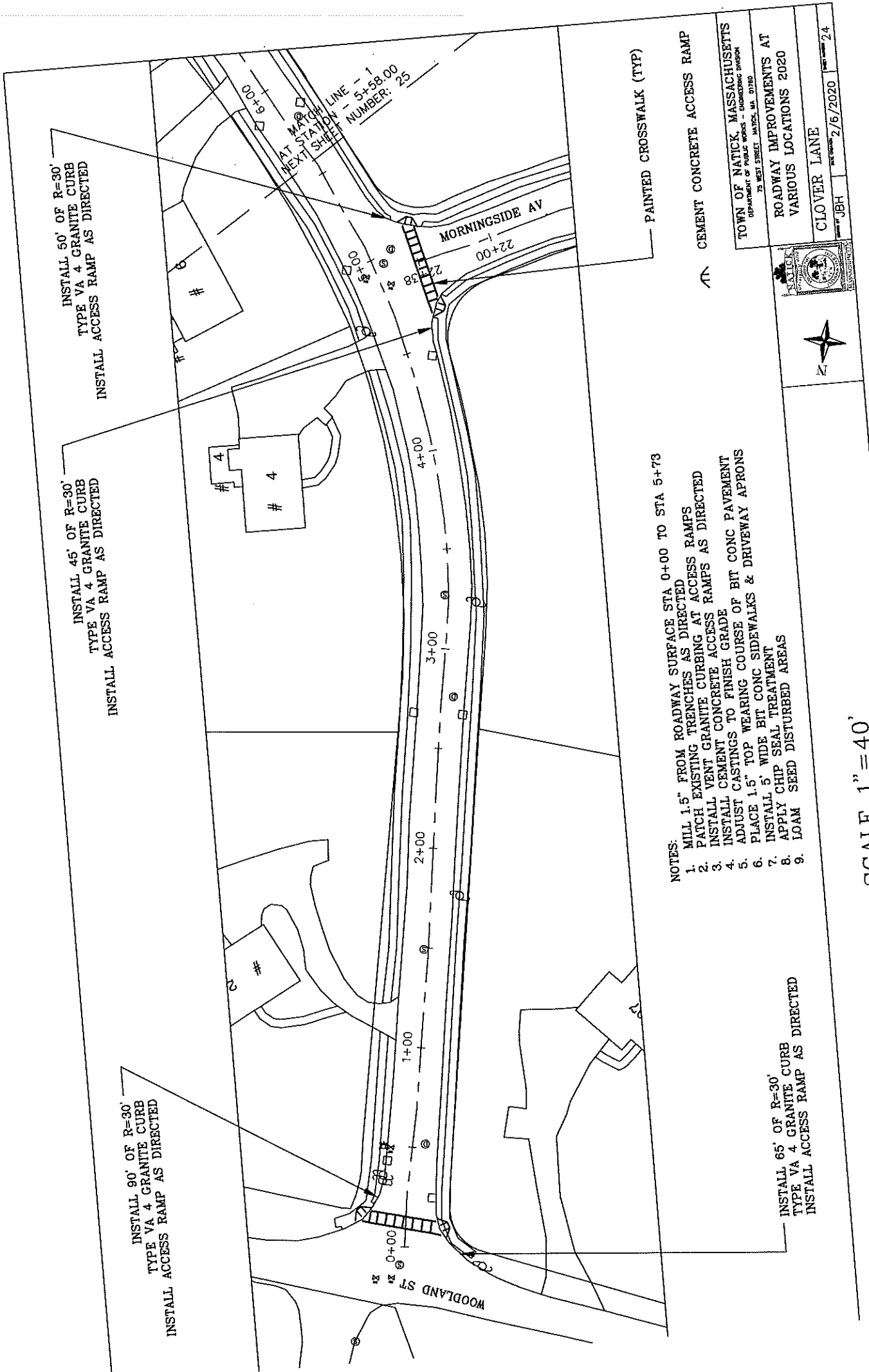
TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01909

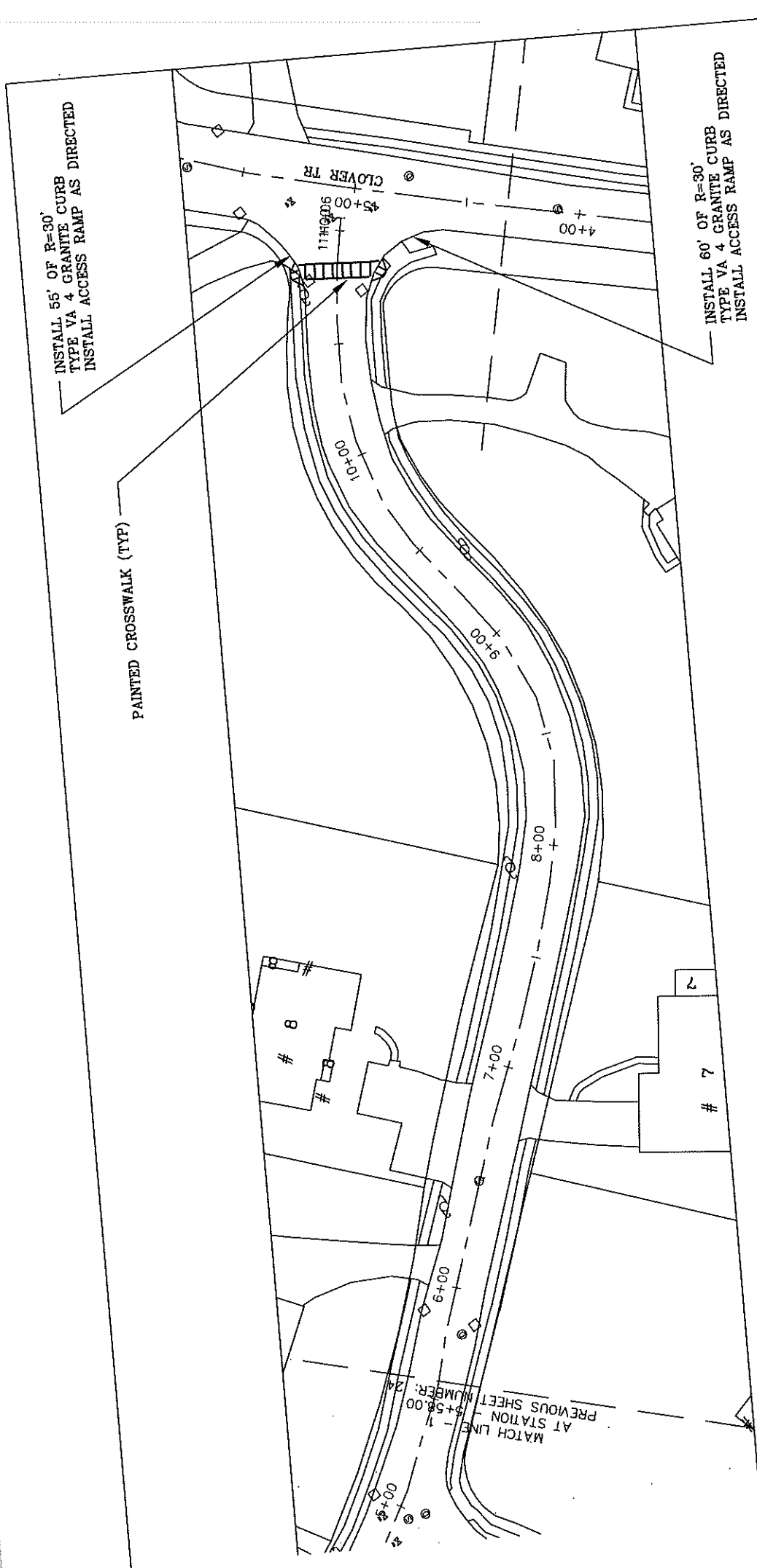
ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

SUNDANCE WAY

DATE: 2/6/2020  
DRAWN BY: J.B.H.

SHEET 23





- NOTES:
1. MILL 1.5" FROM ROADWAY SURFACE STA 5+73 TO STA 11+00
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5" WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. APPLY CHIP SEAL TREATMENT
  9. LOAM SEED DISTURBED AREAS

TOWN OF NATICK, MASSACHUSETTS  
 DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
 75 WEST STREET, NATICK, MA 01906

ROADWAY IMPROVEMENTS AT  
 VARIOUS LOCATIONS 2020

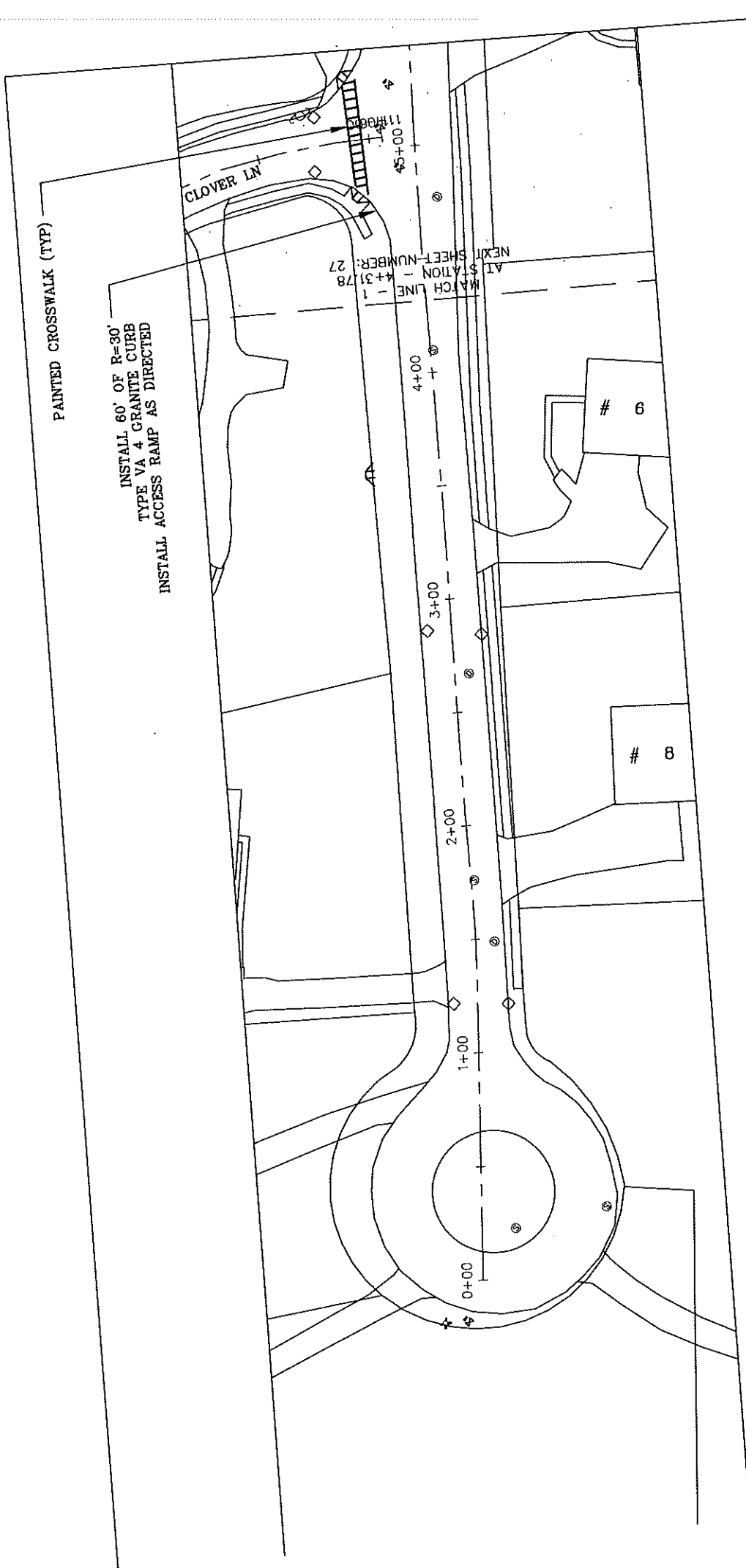
CLOVER LANE

DATE: 2/6/2020  
 DRAWN BY: JBH  
 SHEET: 25



CEMENT CONCRETE ACCESS RAMP

SCALE 1"=40'



- NOTES:
1. MILL 2.0" FROM ROADWAY SURFACE STA 0+00 TO STA 4+28
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  6. ADJUST CASTINGS TO FINISH GRADE
  7. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
  8. PLACE 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  9. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  10. APPLY CHIP SEAL TREATMENT
  11. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP



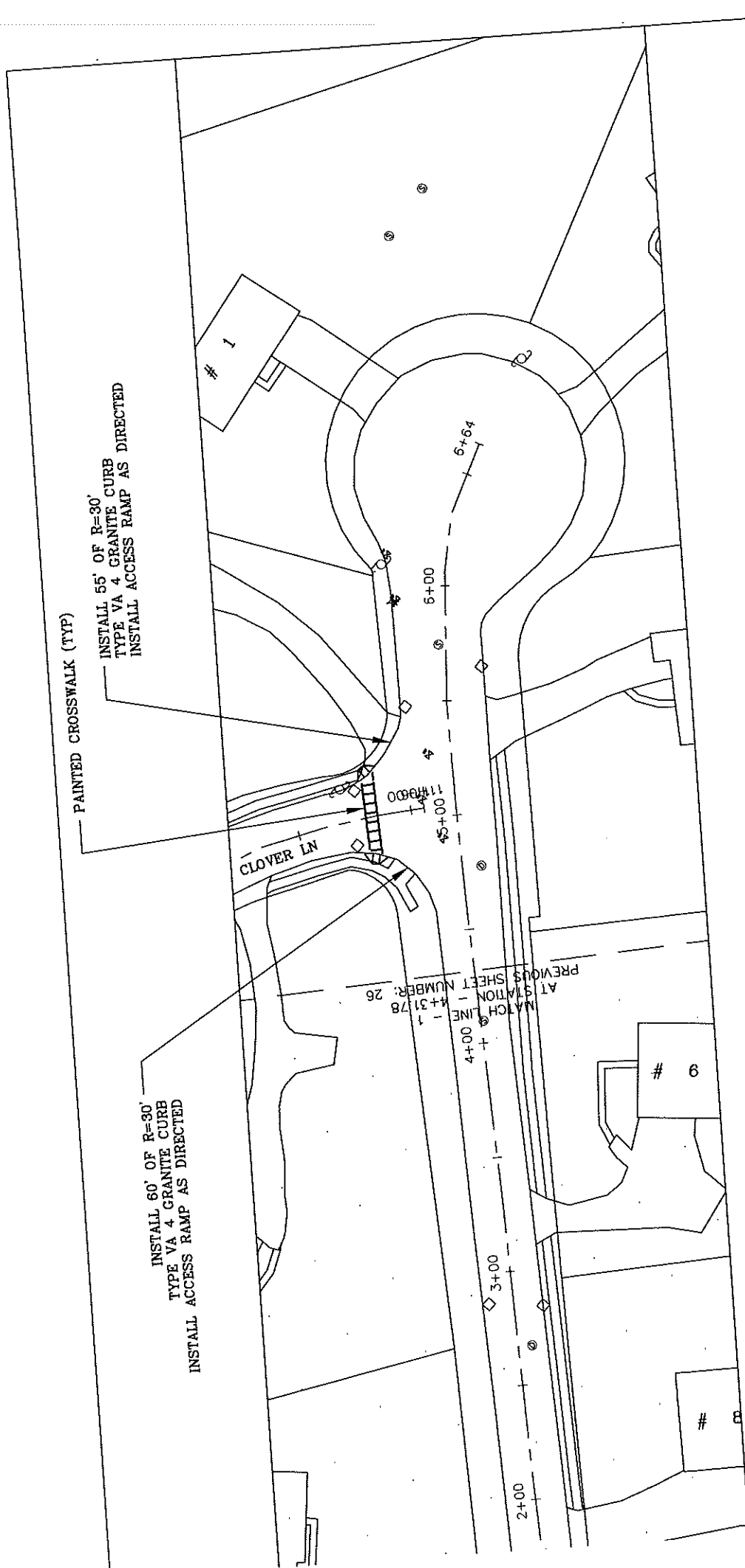
SCALE 1" = 40'

TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01900

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

CLOVER TERRACE

DATE: 2/6/2020  
DRAWN BY: JBH  
SHEET: 26



NOTES: 1. MILL 2.0" FROM ROADWAY SURFACE STA 4+28 TO STA 4+64

2. PATCH EXISTING TRENCHES AS DIRECTED
3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
5. ADJUST CASTINGS TO FINISH GRADE
6. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
8. APPLY CHIP SEAL TREATMENT
9. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP



TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01908

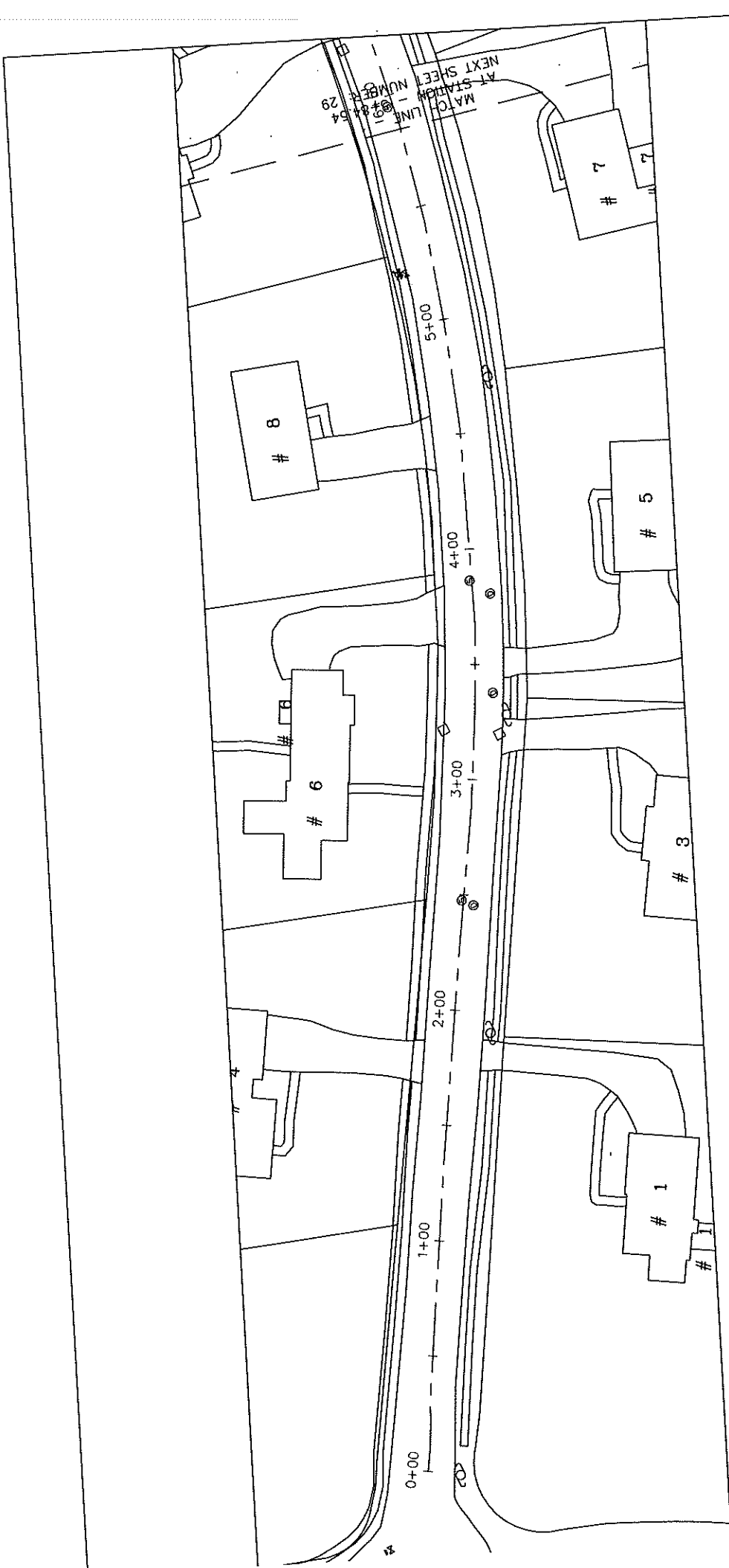
ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

CLOVER TERRACE

DATE: 2/6/2020

27

SCALE 1" = 40'



- NOTES:
1. MILL 1.5" FROM ROADWAY SURFACE STA 0+00 TO STA 5+84
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. APPLY CHIP SEAL TREATMENT
  9. LOAM SEED DISTURBED AREAS



TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, Natick, MA 01750

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

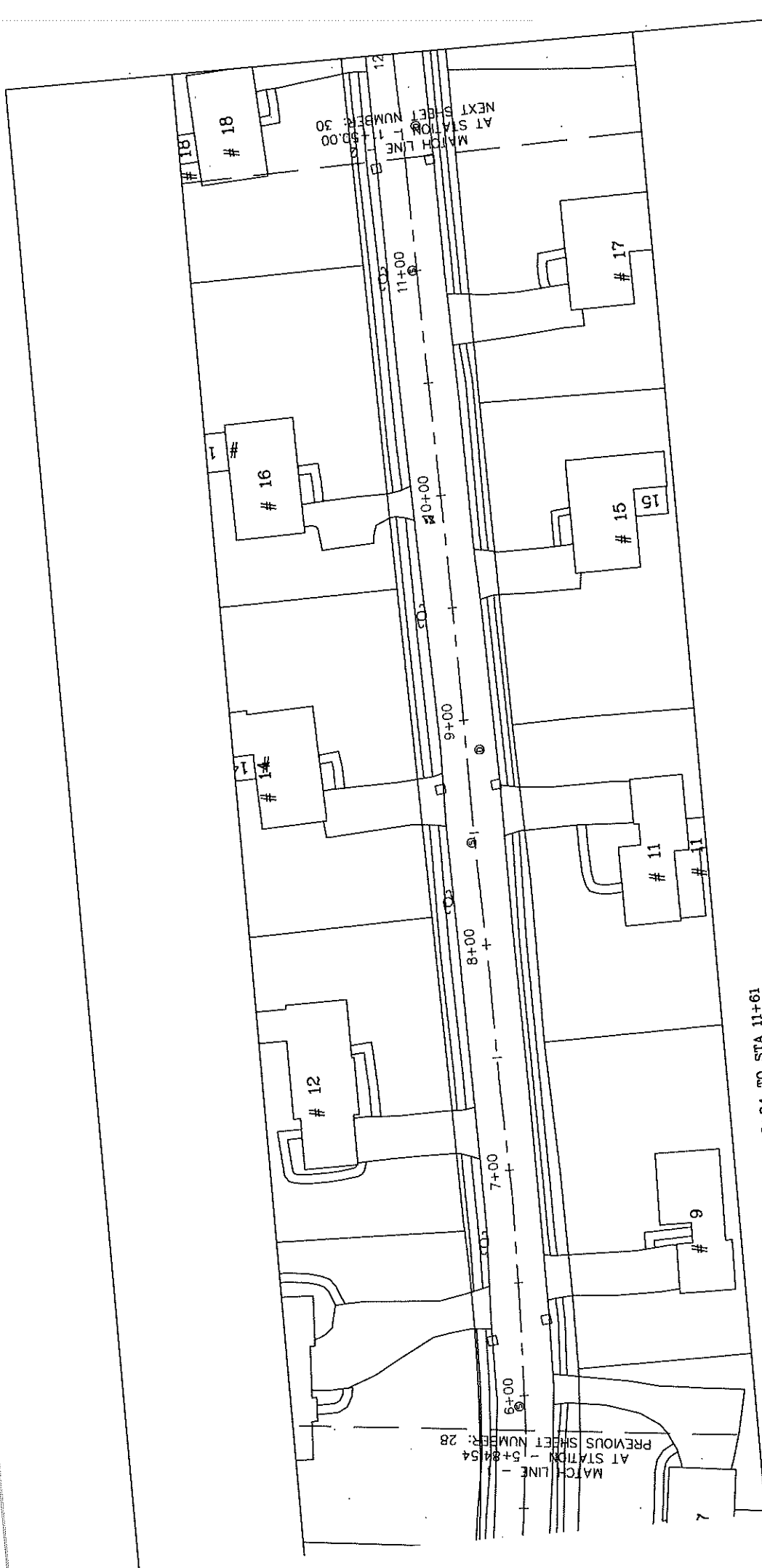
MORNINGSIDE AVENUE

DATE: 2/6/2020

BY: JBH

SHEET 28

SCALE 1" = 40'



NOTES:  
1. MILL 1.5" FROM ROADWAY SURFACE STA 5+84 TO STA 11+61

2. PATCH EXISTING TRENCHES AS DIRECTED
3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
4. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED
5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
6. ADJUST CASTINGS TO FINISH GRADE
7. PLACE 1.5" TOP WEARING CONC COURSE OF BIT CONC PAVEMENT
8. PLACE 1.5" TOP WEARING CONC SIDEWALKS & DRIVEWAY APRONS
9. INSTALL 5' WIDE BIT CONC SEAL TREATMENT
10. APPLY CHIP SEAL TREATMENT
11. LOAM SEED DISTURBED AREAS



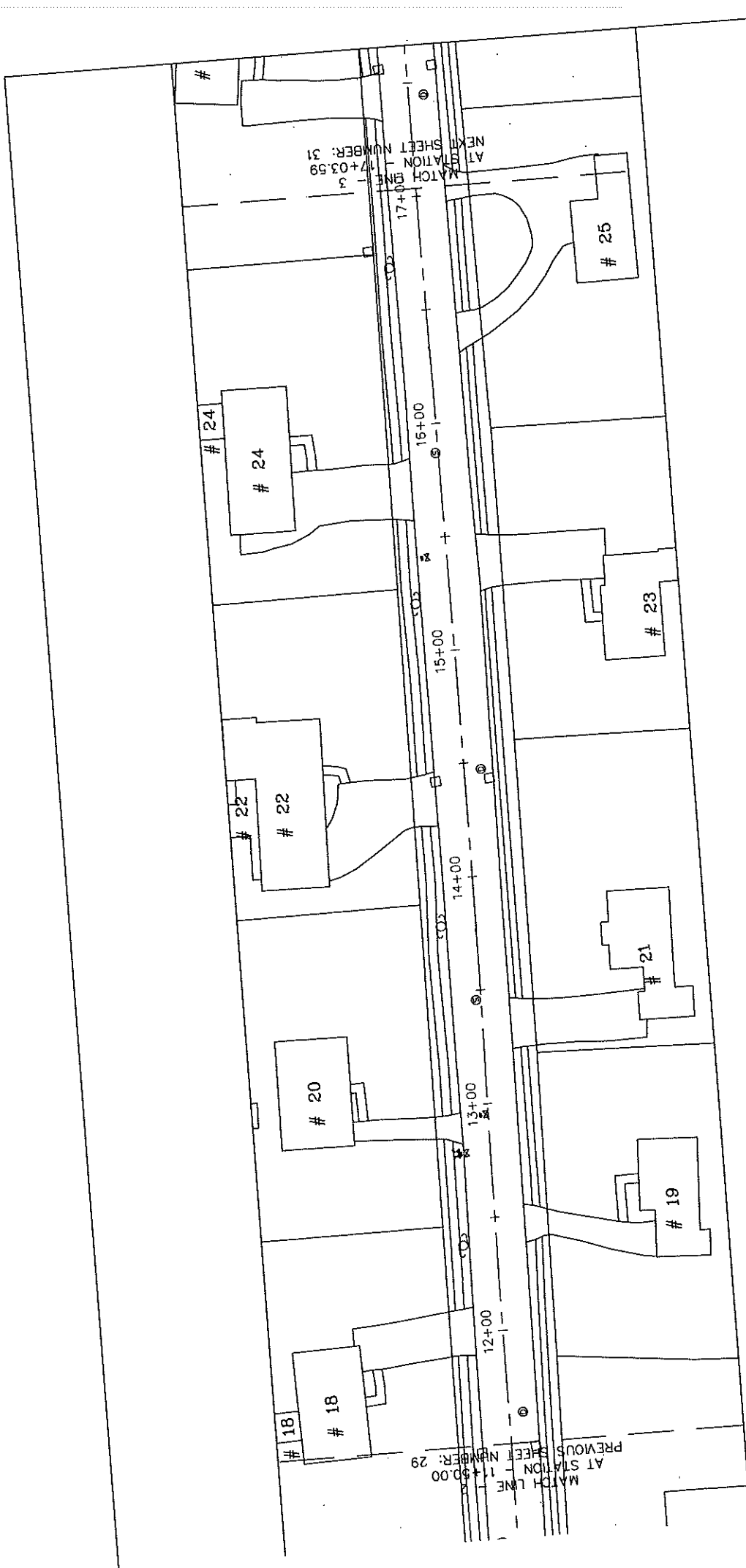
TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01910

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

MORNINGSIDE AVENUE

DATE: 2/6/2020  
DRAWN BY: JBH  
CHECKED BY: [Signature]  
SCALE: 1"=40'





NOTES:

1. MILL 1.5" FROM ROADWAY SURFACE STA 11+61 TO STA 17+66
2. PATCH EXISTING TRENCHES AS DIRECTED
3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
4. INSTALL VENT CONCRETE ACCESS RAMPS AS DIRECTED
5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
6. ADJUST CASTINGS TO FINISH GRADE
7. PLACE 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
8. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
9. APPLY CHIP SEAL TREATMENT
10. LOAM SEED DISTURBED AREAS

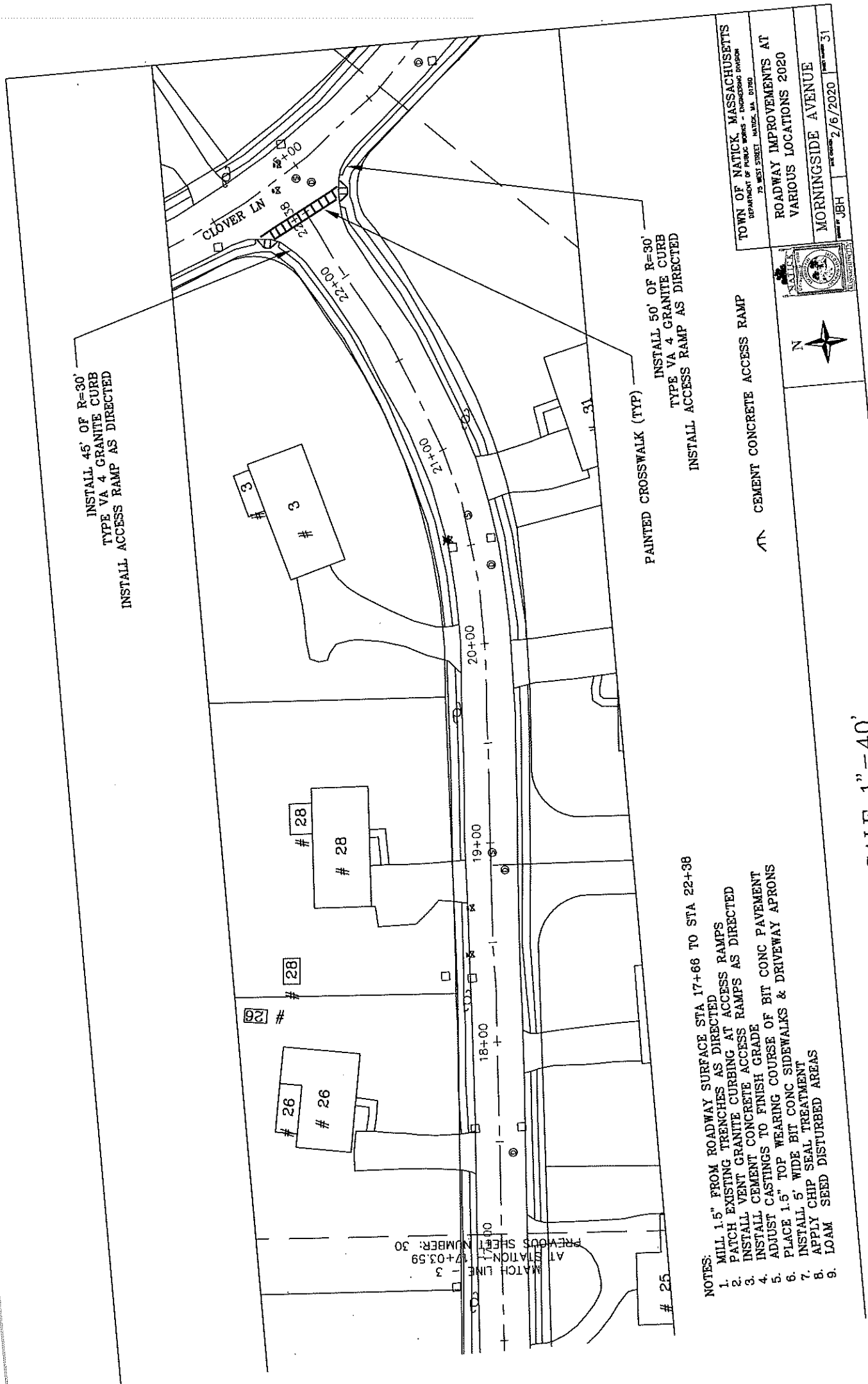
SCALE 1"=40'



TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01760

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

MORNINGSIDE AVENUE  
DATE: 2/6/2020  
BY: JBH  
30



INSTALL 45' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

CLOVER LN

# 3  
# 3

# 28  
# 28

# 26  
# 26

PAINTED CROSSWALK (TYP)  
INSTALL 50' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

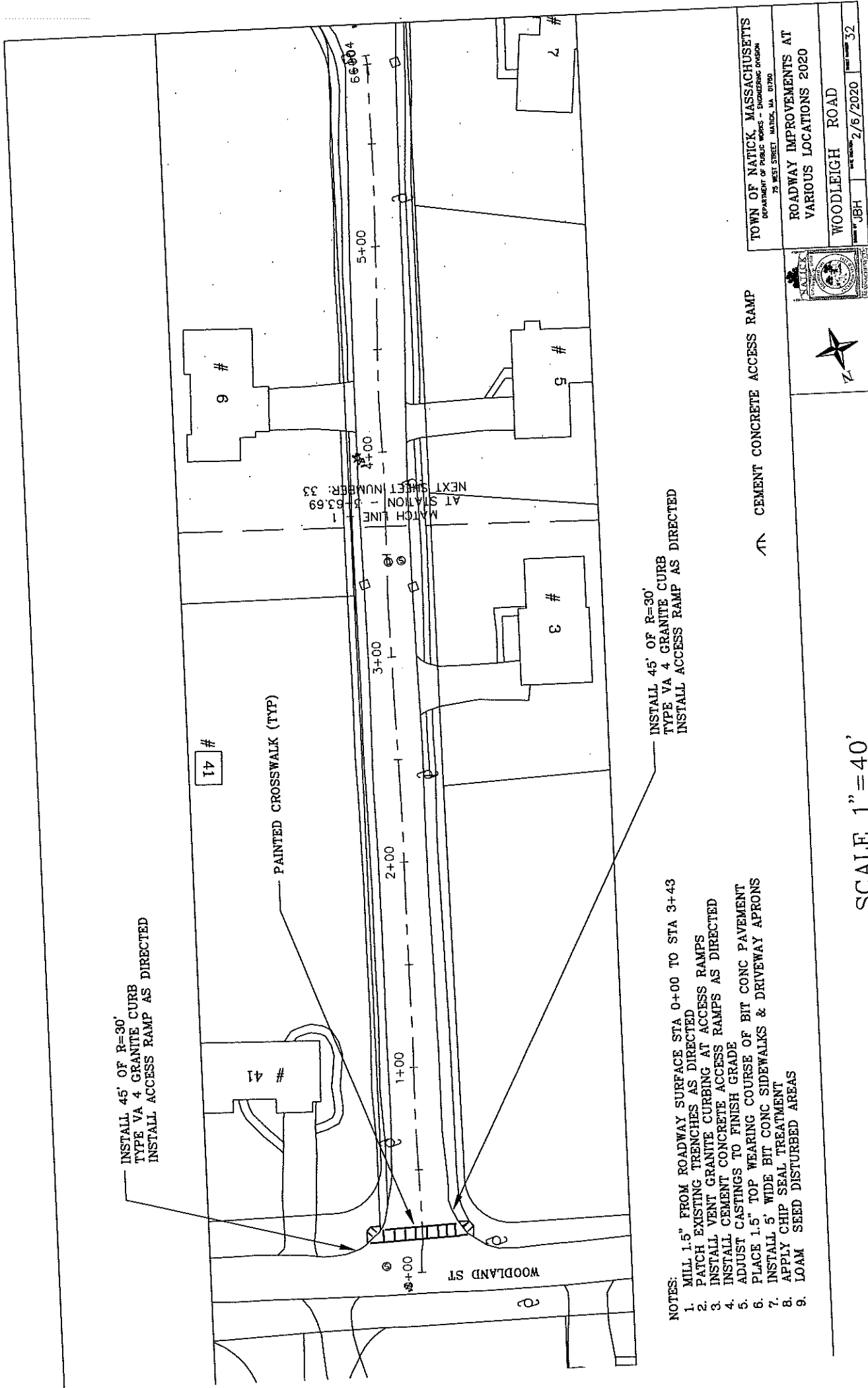
CEMENT CONCRETE ACCESS RAMP

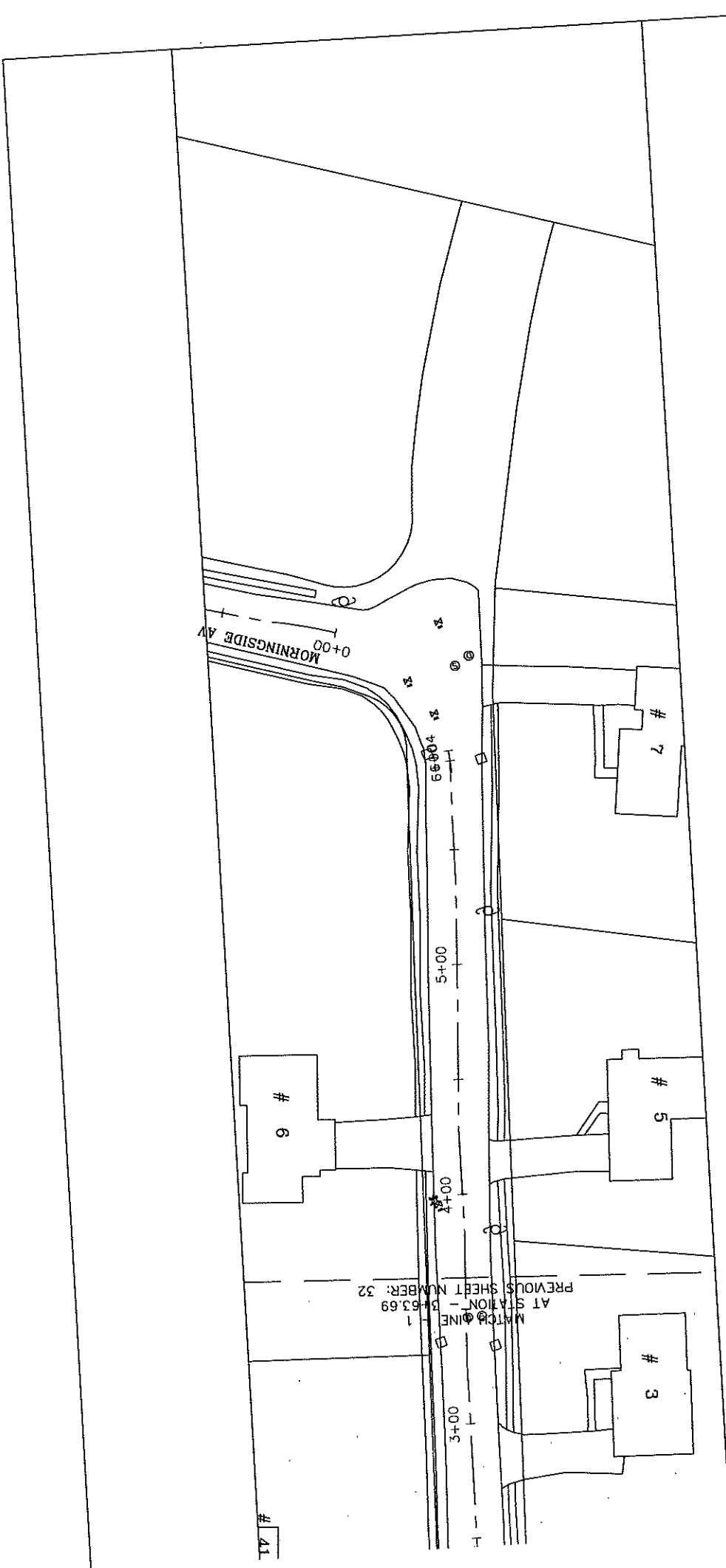


TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01900  
ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020  
MORNINGSIDE AVENUE  
J.B.H. 2/6/2020 SHEET NUMBER 31

- NOTES:
1. MILL 1.5" FROM ROADWAY SURFACE STA 17+66 TO STA 22+38
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. PLACE 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. INSTALL 5' WIDE BIT CONC SEAL TREATMENT
  9. APPLY CHIP SEAL TREATMENT
  10. LOAM SEED DISTURBED AREAS

SCALE 1"=40'





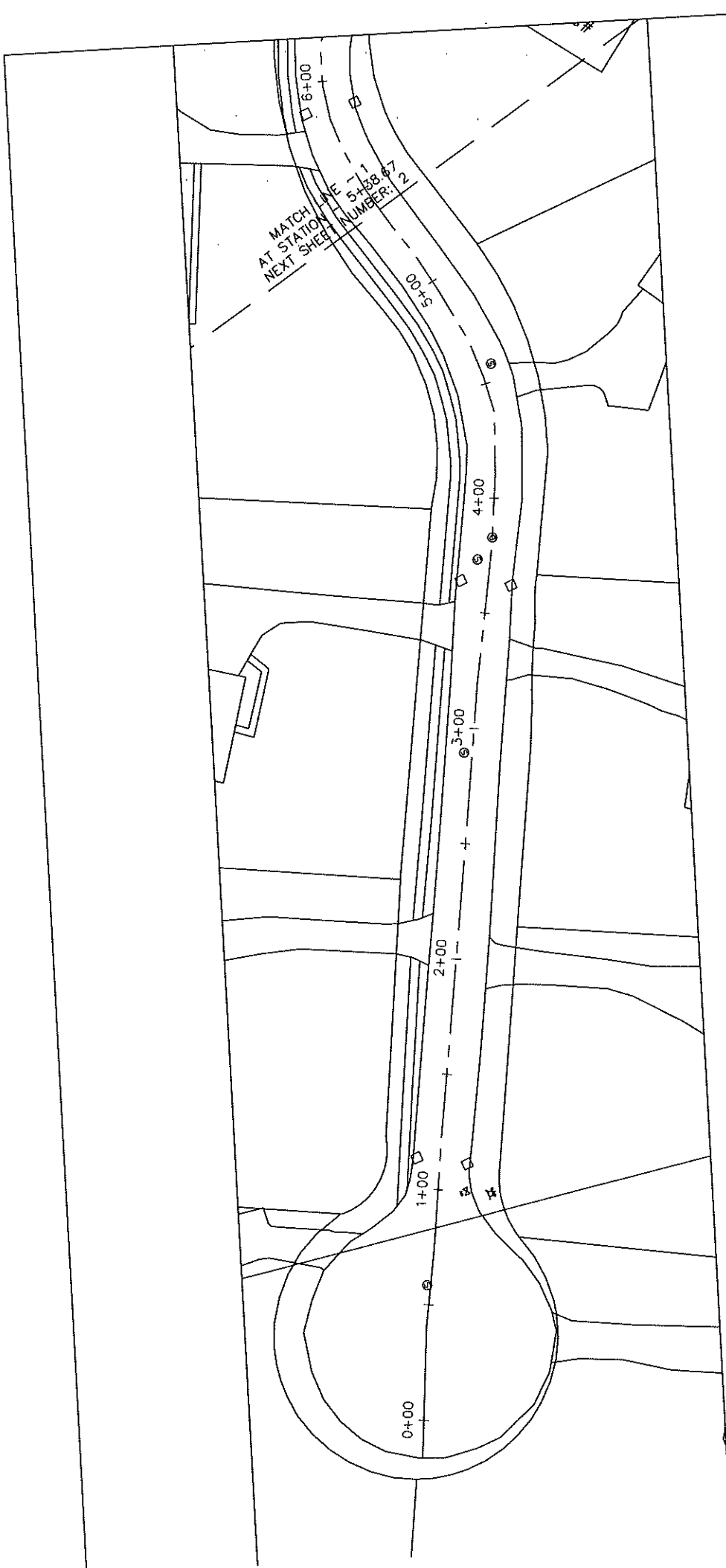
NOTES:

1. MILL 1.5" FROM ROADWAY SURFACE STA 3+64 TO STA 6+04
2. PATCH EXISTING TRENCHES AS DIRECTED
3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
4. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED
5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
6. ADJUST CASTINGS TO FINISH GRADE
7. PLACE 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
8. PLACE 1.5" WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
9. INSTALL 5' WIDE BIT CONC SEAL TREATMENT
10. APPLY CHIP SEAL TREATMENT
11. LOAM SEED DISTURBED AREAS

TOWN OF NATICK, MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION 75 WEST STREET, NATICK, MA 01760	
ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS 2020	
WOODLEIGH ROAD	DATE: 2/6/2020
JBH	SHEET 33



CEMENT CONCRETE ACCESS RAMP



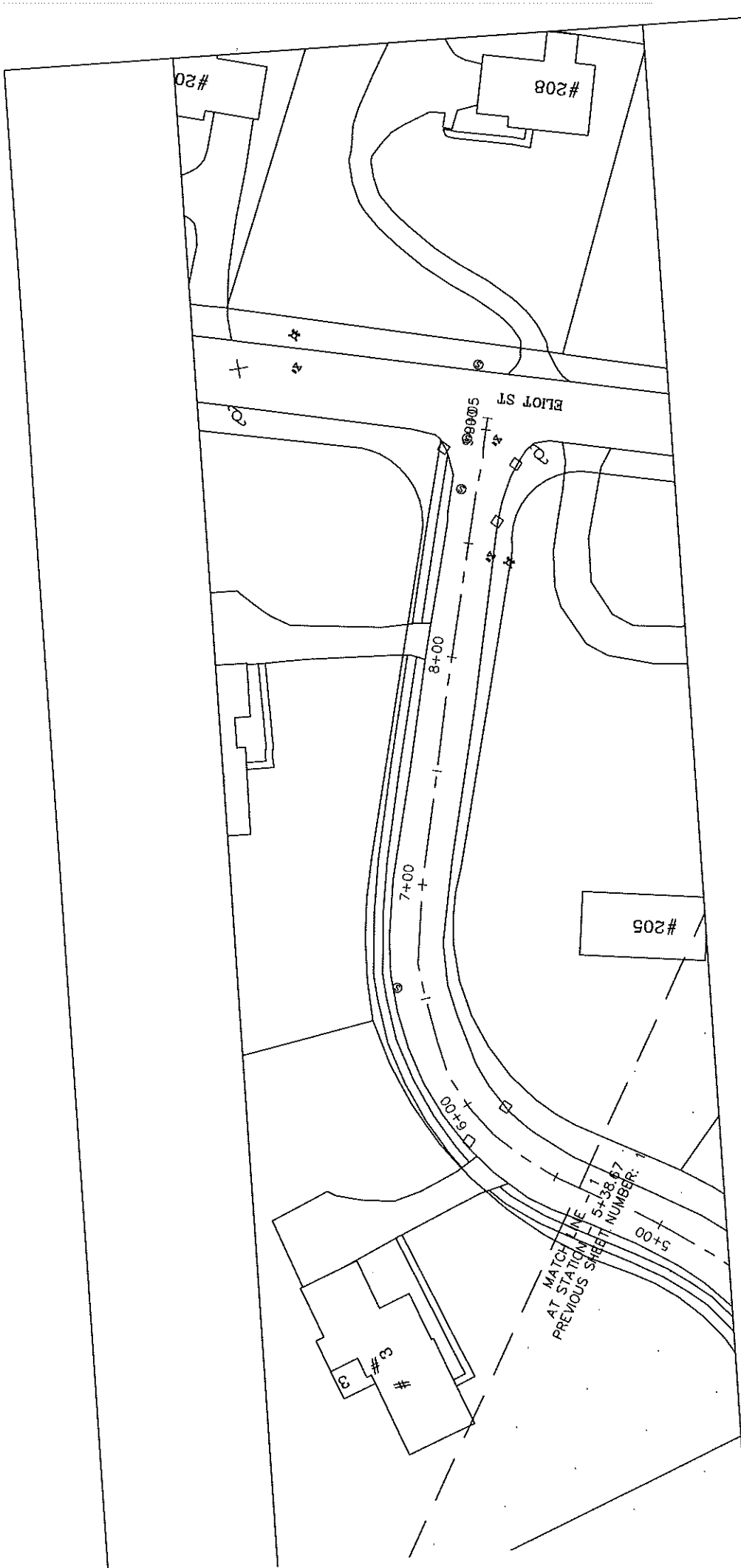
NOTES:

1. RECLAIM BASE COURSE FROM STA 0+00 TO STA 5+39
2. PATCH EXISTING TRENCHES AS DIRECTED
3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
4. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS AS DIRECTED
5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
6. ADJUST CASTINGS TO FINISH GRADE
7. ADJUST CASTINGS TO FINISH GRADE AND 1.5" TOP WEARING COURSE
8. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE
9. OF BIT CONC PAVEMENT
10. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
11. LOAM SEED DISTURBED AREAS



SCALE 1"=40'

TOWN OF NATICK, MASSACHUSETTS	
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION	
75 WEST STREET, NATICK, MA 01760	
ROADWAY IMPROVEMENTS AT	
VARIOUS LOCATIONS 2020	
DEEPWOODS DRIVE	
DATE: 2/6/2020	SHEET: 34



NOTES:  
1. RECLAIM BASE COURSE FROM STA 5+39 TO STA 9+05

2. PATCH EXISTING TRENCHES AS DIRECTED
3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
4. INSTALL VENT GRANITE ACCESS RAMPS AS DIRECTED
5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
6. ADJUST CASTINGS TO FINISH GRADE
7. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
8. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
9. LOAM & SEED DISTURBED AREAS



TOWN OF NATICK, MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION 75 WEST STREET, NATICK, MA 01910	
ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS 2020	
DESIGNED BY: J.B.H.	CHECKED BY: J.B.H.
DEEPWOODS DRIVE	
DATE: 2/6/2020	SHEET: 35

SCALE 1"=40'

INSTALL 75' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 75' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

PAINTED CROSSWALK (TYP)

- NOTES:
1. RECLAIM BASE COURSE FROM STA 0+00 TO STA 5+67
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP



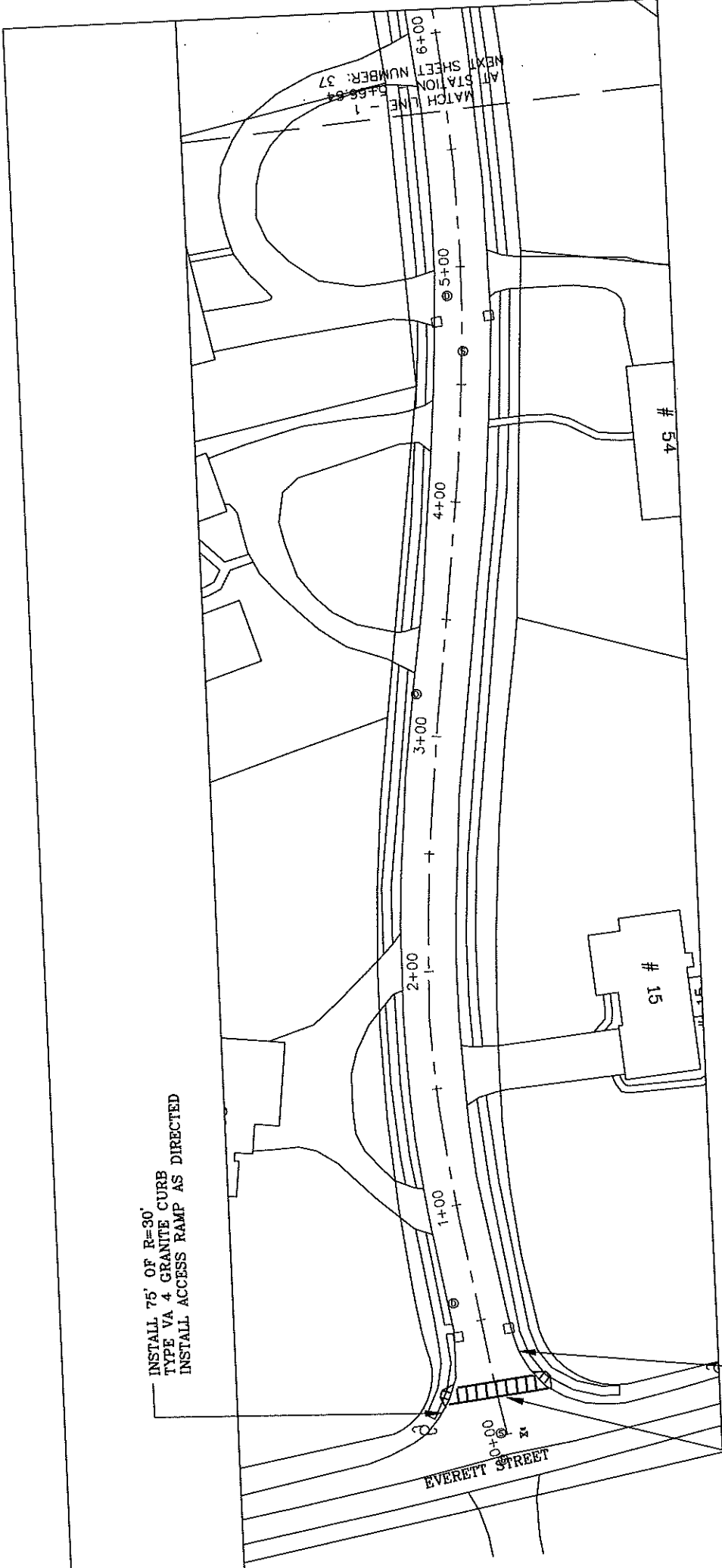
TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01900

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

ELIOT HILL ROAD

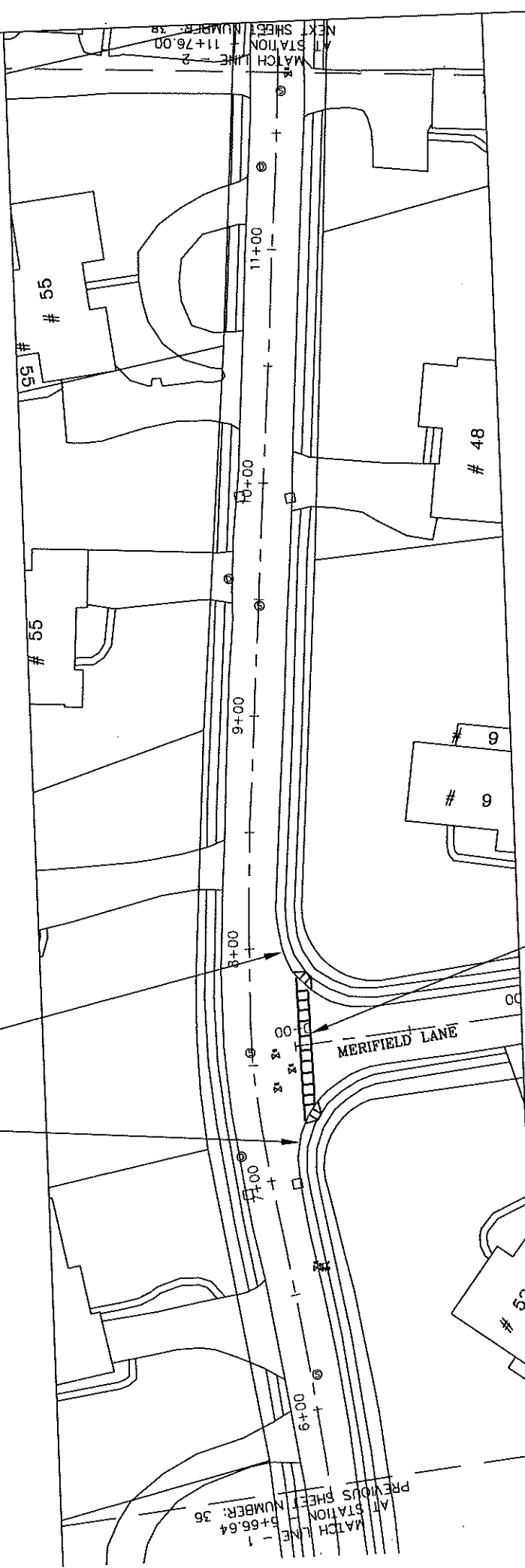
DATE: 2/5/2020  
DRAWN BY: JBH  
SHEET NUMBER: 36

SCALE 1"=40'



INSTALL 60' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 70' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED



- NOTES:
1. RECLAIM BASE COURSE FROM STA 5+67 TO STA 11+76
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS

PAINTED CROSSWALK (TYP)

CEMENT CONCRETE ACCESS RAMP



TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01913

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

ELIOT HILL ROAD

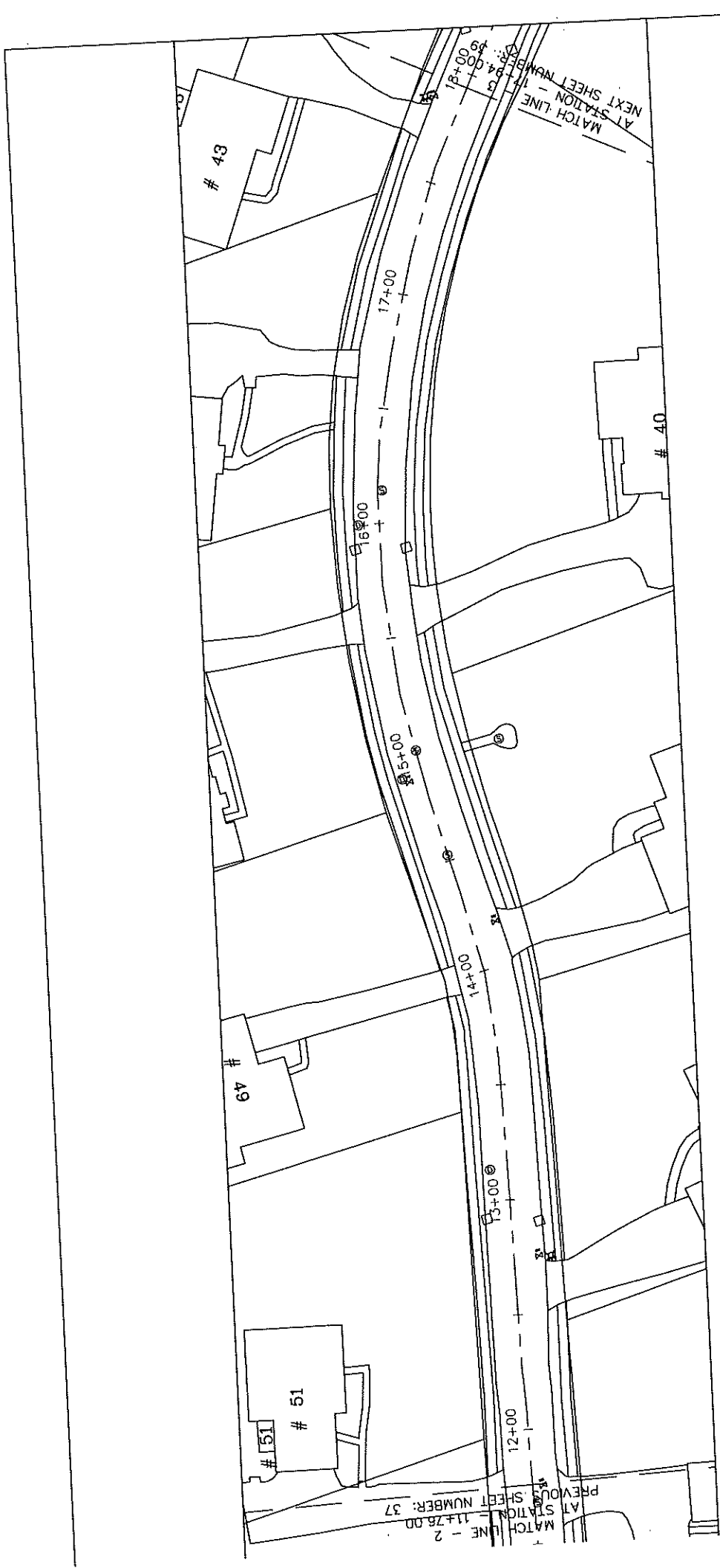
DATE: 2/6/2020

BY: JBH

SHEET: 37

SCALE 1"=40'





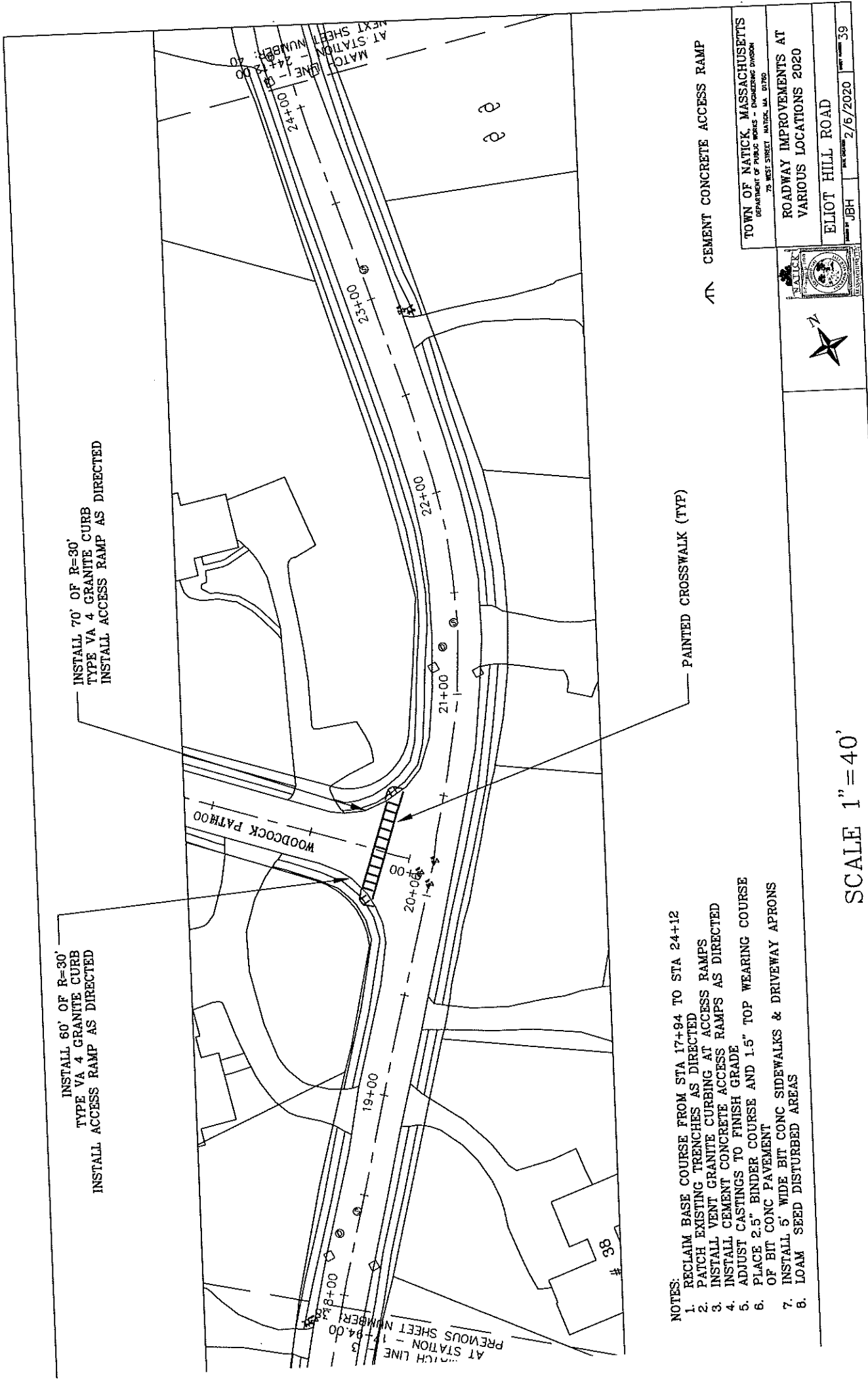
- NOTES:
1. RECLAIM BASE COURSE FROM STA 11+76 TO STA 17+94
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP

TOWN OF NATICK, MASSACHUSETTS	
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION	
75 WEST STREET, NATICK, MA 01760	
ROADWAY IMPROVEMENTS AT	
VARIOUS LOCATIONS 2020	
ELIOT HILL ROAD	
DATE: 2/6/2020	SHEET NUMBER: 38



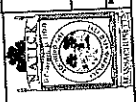
SCALE 1" = 40'



- NOTES:
1. RECLAIM BASE COURSE FROM STA 17+94 TO STA 24+12
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS

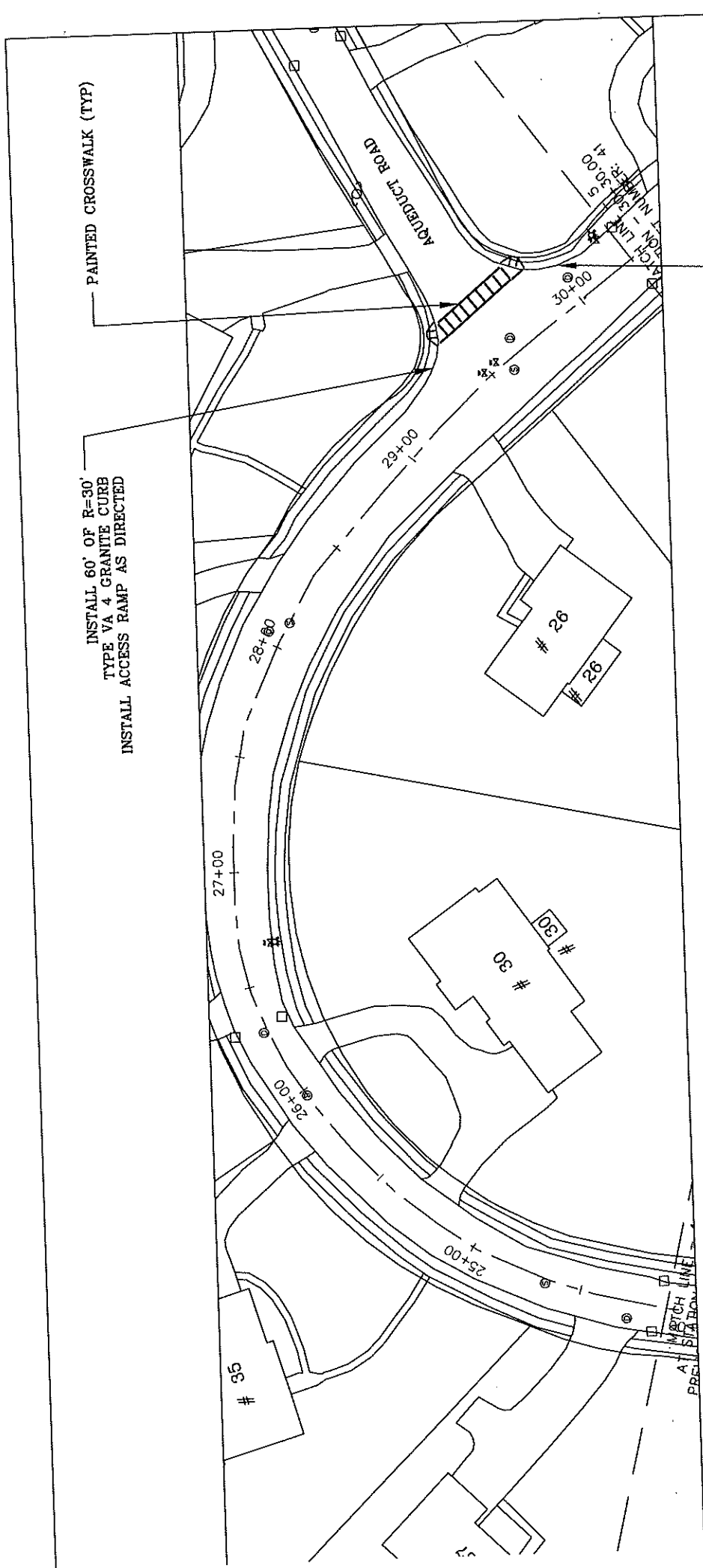
PAINTED CROSSWALK (TYP)

CEMENT CONCRETE ACCESS RAMP



SCALE 1"=40'

TOWN OF NATICK, MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION 75 WEST STREET, NATICK, MA 01913	
ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS 2020	
ELIOT HILL ROAD	
DATE: 2/5/2020	SHEET NUMBER: 39



INSTALL 60' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

PAINTED CROSSWALK (TYP)

INSTALL 70' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

- NOTES:
1. RECLAIM BASE COURSE FROM STA 24+12 TO STA 30+30
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP

TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01900

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

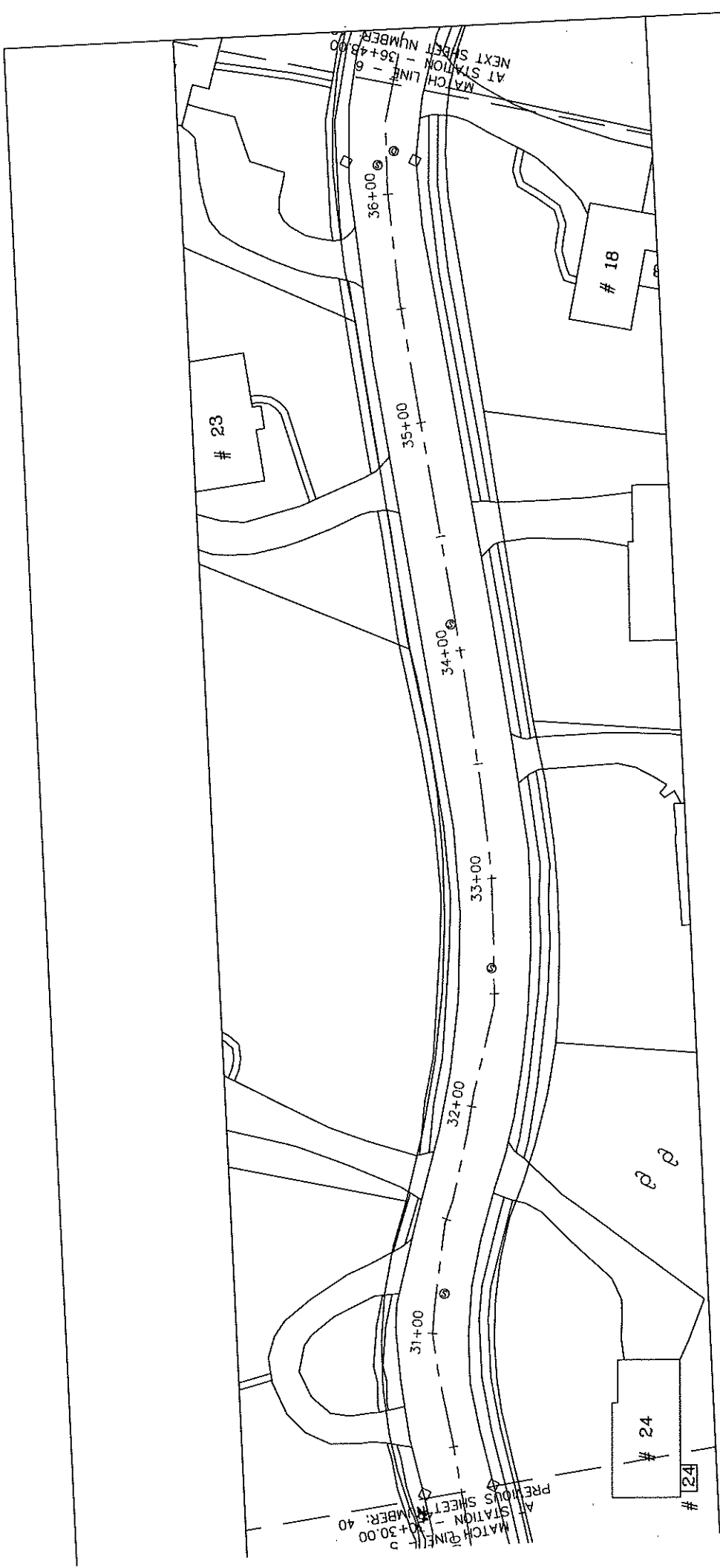
ELIOT HILL ROAD

DATE: 2/5/2020

SCALE: 40'



SCALE 1" = 40'



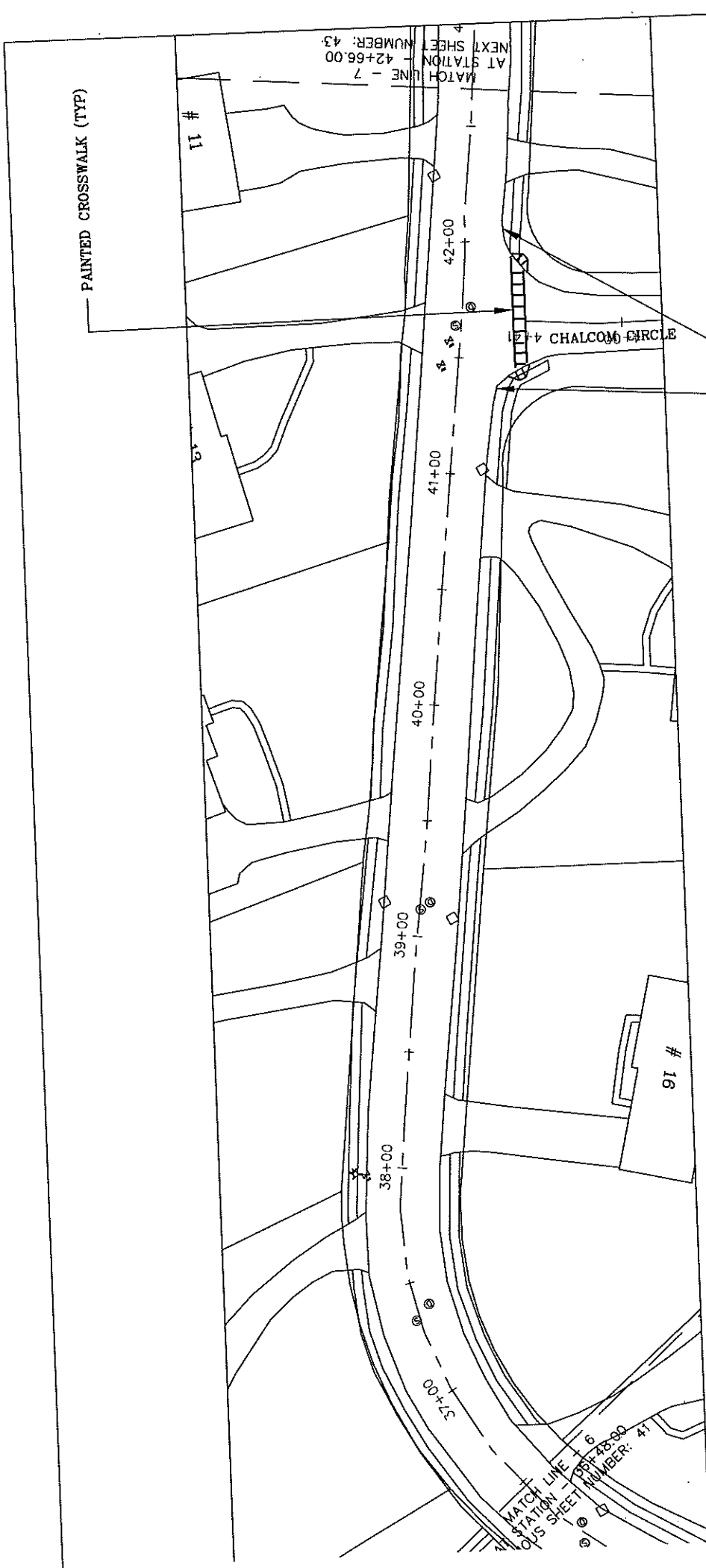
- NOTES:
1. RECLAIM BASE COURSE FROM STA 30+30 TO STA 36+48
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED
  5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  6. ADJUST CASTINGS TO FINISH GRADE
  7. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  8. PLACE 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  9. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP



SCALE 1"=40'

TOWN OF NATICK, MASSACHUSETTS	
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION	
75 WEST STREET, NATICK, MA 01900	
ROADWAY IMPROVEMENTS AT	
VARIOUS LOCATIONS 2020	
ELIOT HILL ROAD	
DESIGNED BY: JEH	DRAWN BY: JEH
DATE: 2/6/2020	SHEET NUMBER: 41

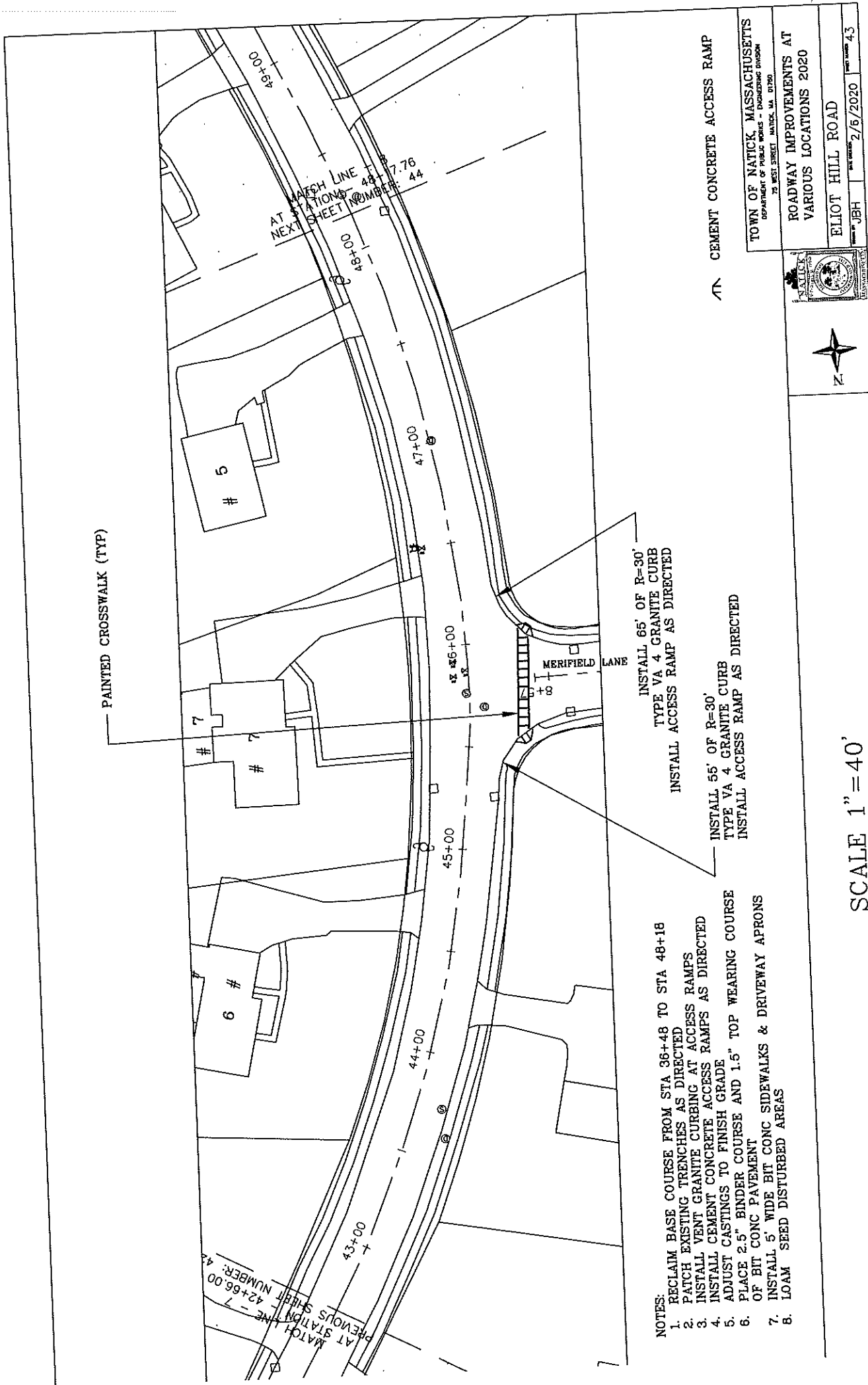


- NOTES:
1. RECLAIM BASE COURSE FROM STA 30+30 TO STA 36+48
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS



SCALE 1" = 40'

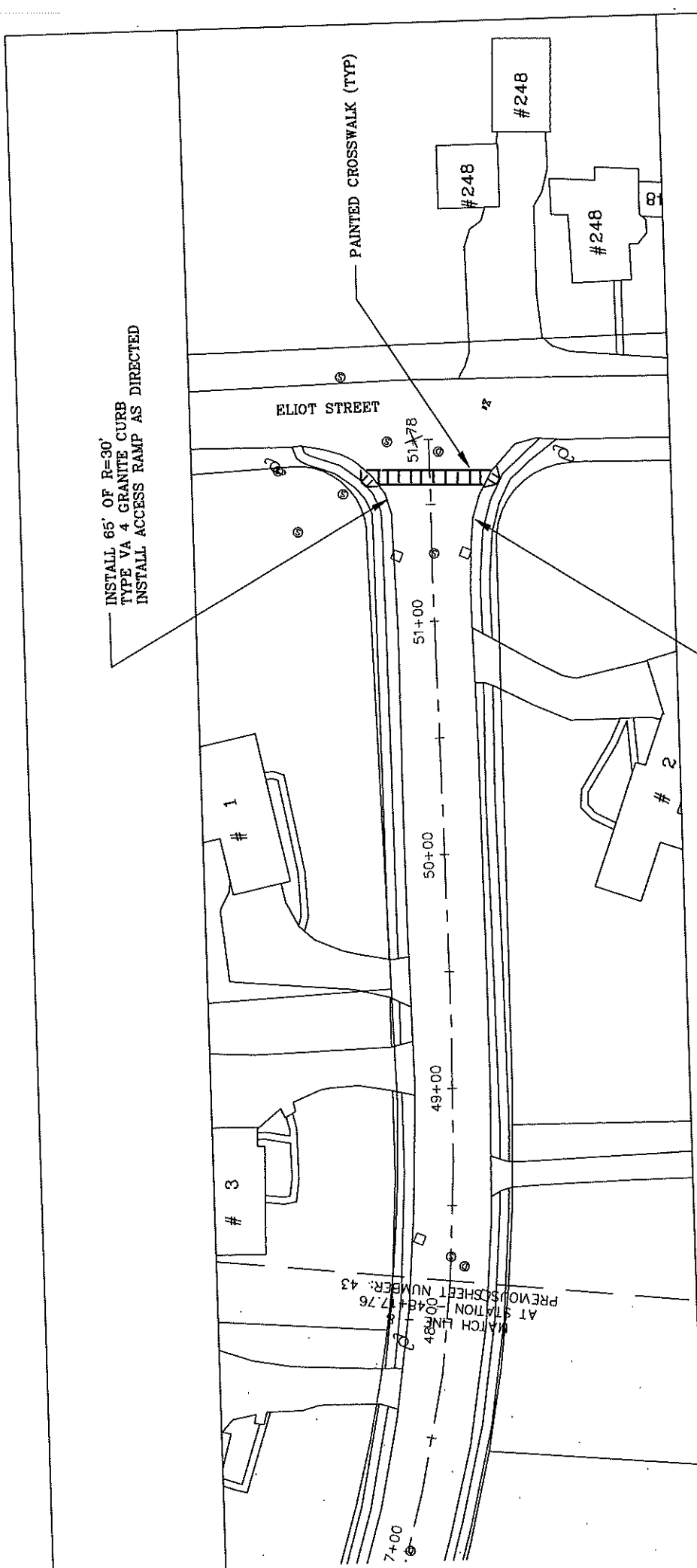
TOWN OF NATICK, MASSACHUSETTS			
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION			
75 WEST STREET, NATICK, MA 01760			
ROADWAY IMPROVEMENTS AT			
VARIOUS LOCATIONS 2020			
ELIOT HILL ROAD			
DESIGNED BY	JBH	DATE	2/5/2020
SHEET	42	TOTAL	42



- NOTES:
1. RECLAIM BASE COURSE FROM STA 36+48 TO STA 48+18
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS

SCALE 1" = 40'

TOWN OF NATICK, MASSACHUSETTS	
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION	
75 WEST STREET, NATICK, MA 01760	
PROJECT NO. JBH	DATE 2/6/2020
ROADWAY IMPROVEMENTS AT	
VARIOUS LOCATIONS 2020	
ELIOT HILL ROAD	
SHEET 43	



- NOTES:
1. RECLAIM BASE COURSE FROM STA 48+18 TO STA 51+78
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP

INSTALL 55' OF R=30' TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 65' OF R=30' TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED



SCALE 1" = 40'

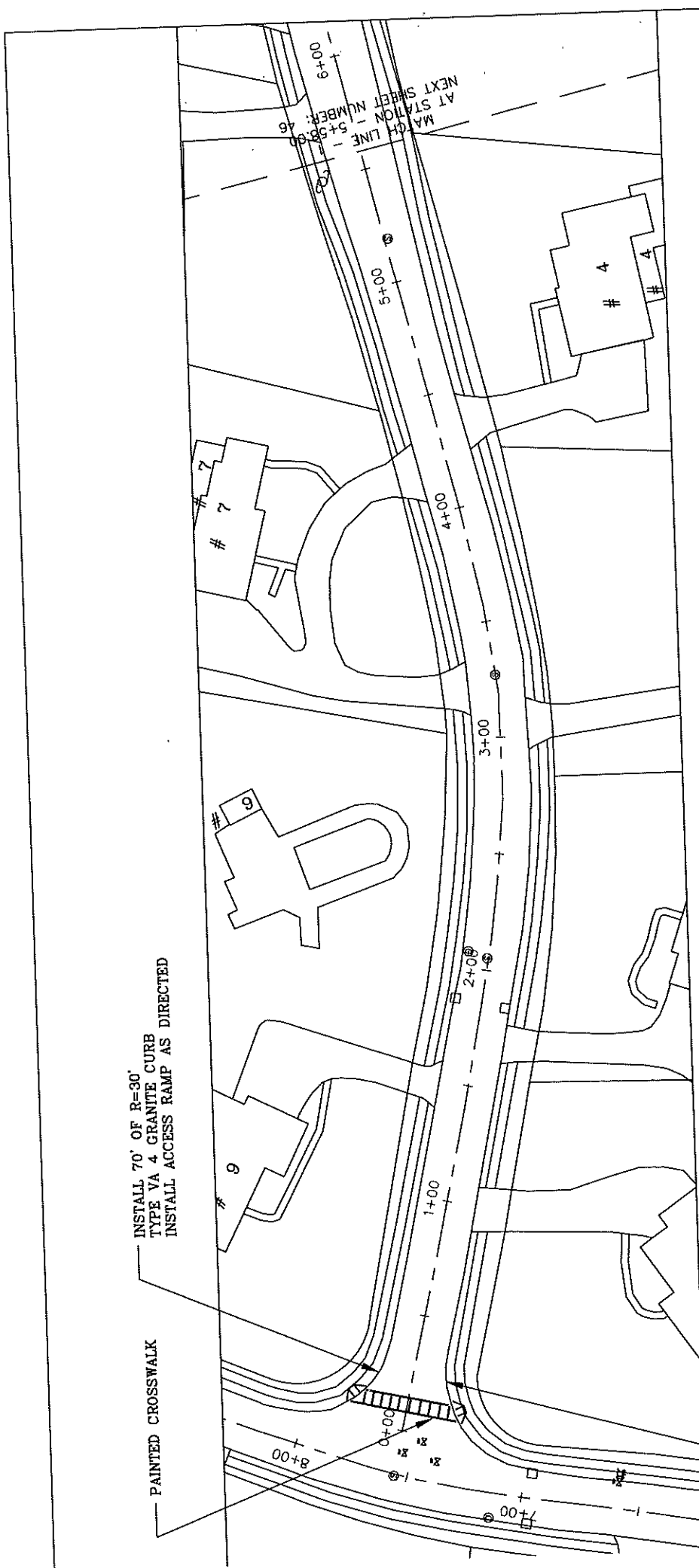


TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
73 WEST STREET, NATICK, MA. 01900

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

ELIOT HILL ROAD

DATE: 2/5/2020  
DRAWN BY: JBH  
SHEET: 44



- NOTES:
1. RECLAIM BASE COURSE FROM STA 0+00 TO STA 5+58
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  5. ADJUST CASTINGS TO FINISH GRADE
  6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
  7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  8. LOAM SEED DISTURBED AREAS

INSTALL 65' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 70' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

PAINTED CROSSWALK

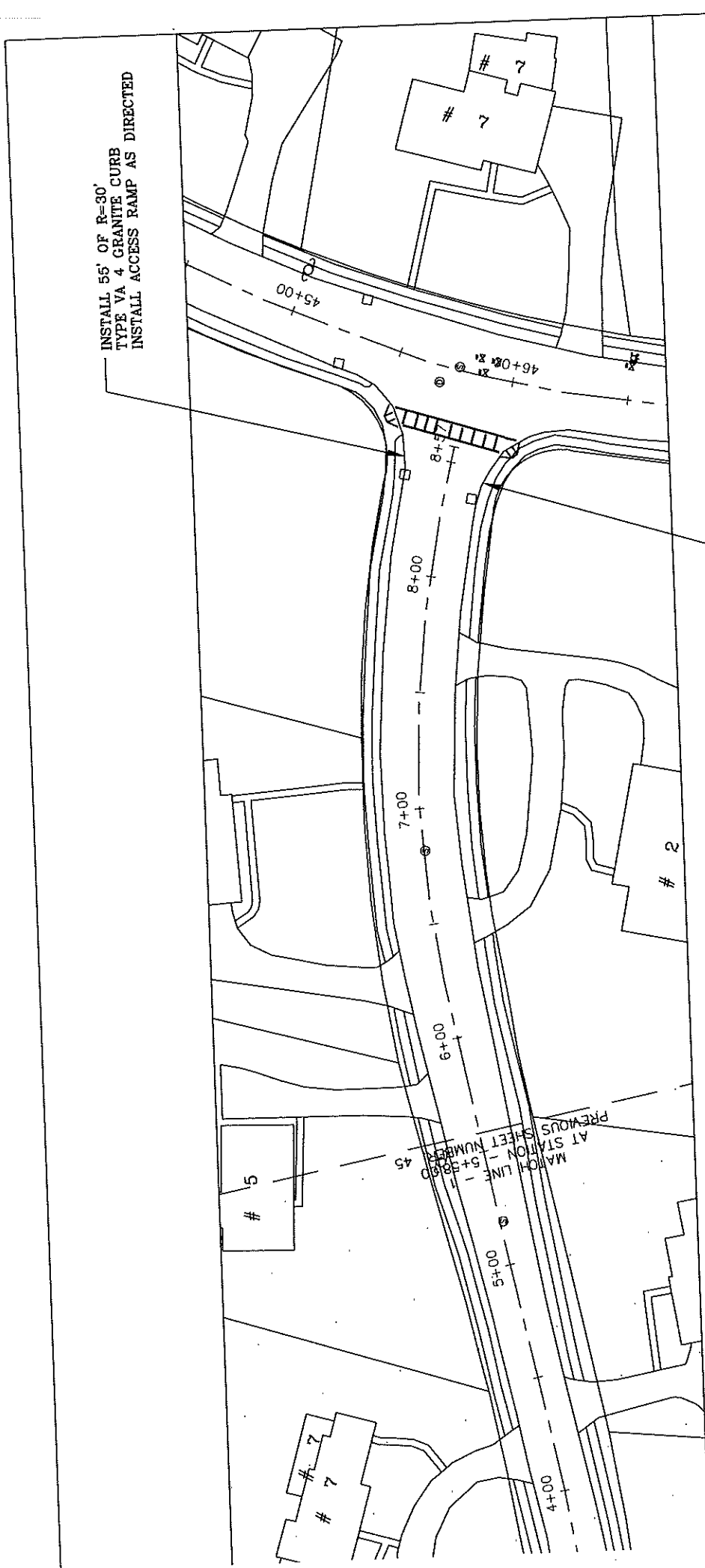
CEMENT CONCRETE ACCESS RAMP



TOWN OF NATICK, MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS 75 WEST STREET, NATICK, MA 01900	
ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS 2020	
MERIFIELD LANE	
DATE: 2/5/2020	SHEET: 45

SCALE 1"=40'





NOTES:

1. RECLAIM BASE COURSE FROM STA 5+58 TO STA 8+57
2. PATCH EXISTING TRENCHES AS DIRECTED
3. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS
4. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
5. ADJUST CASTINGS TO FINISH GRADE
6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
8. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP



TOWN OF NATICK, MASSACHUSETTS	
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION	
70 WEST STREET, Natick, MA 01750	
ROADWAY IMPROVEMENTS AT	
VARIOUS LOCATIONS 2020	
MERIFIELD LANE	
DATE: 2/6/2020	SHEET: 46

SCALE 1"=40'

INSTALL 65' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

INSTALL 65' OF R=30'  
TYPE VA 4 GRANITE CURB  
INSTALL ACCESS RAMP AS DIRECTED

NOTES:

1. RECLAIM BASE COURSE FROM STA 5+58 TO STA 8+57
2. PATCH EXISTING TRENCHES AS DIRECTED
3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
4. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS AS DIRECTED
5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
6. ADJUST CASTINGS TO FINISH GRADE
7. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
8. LOAM SEED DISTURBED AREAS

CEMENT CONCRETE ACCESS RAMP

TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01960

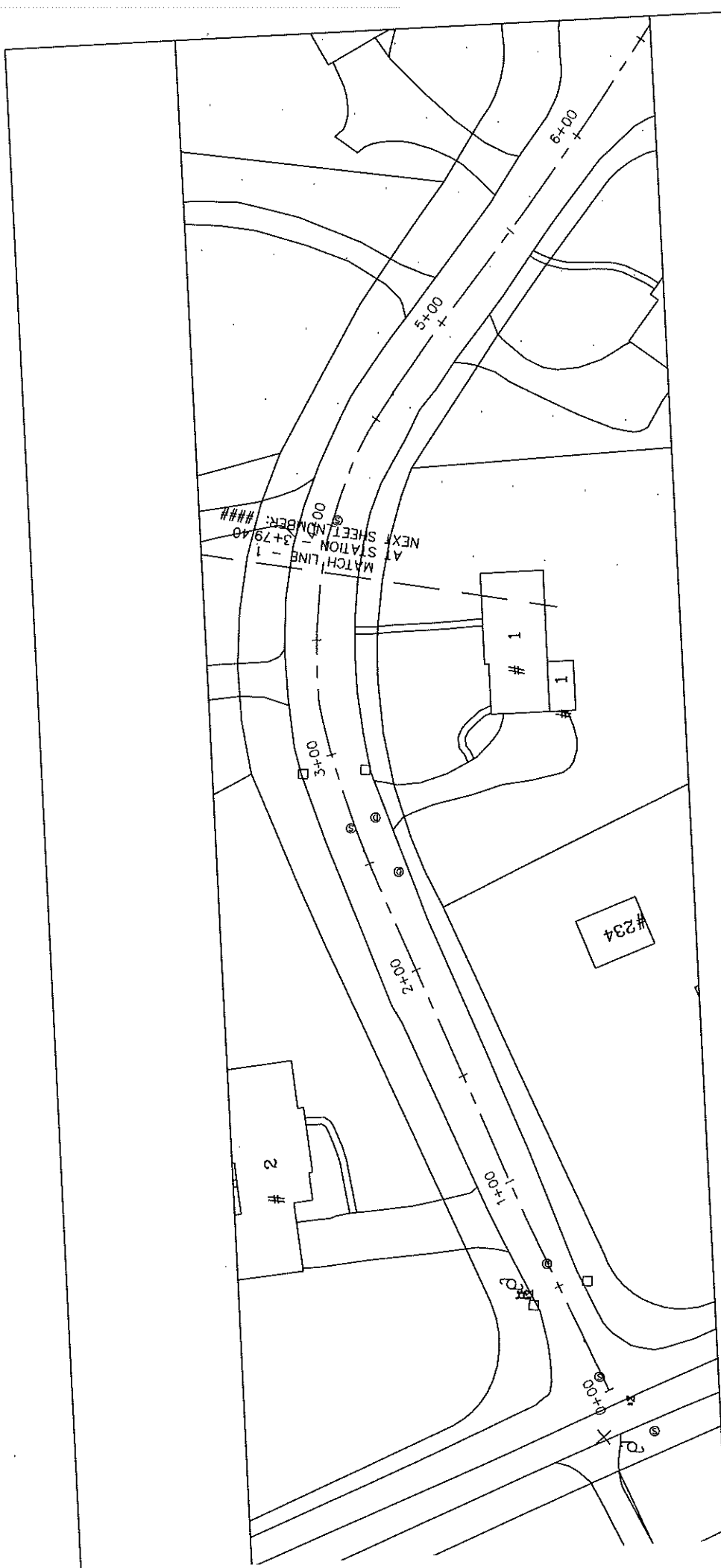
ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

WOODCOCK PATH

DATE: 2/5/2020  
BY: JBH  
PAGE: 47



SCALE 1" = 40'



NOTES:

1. RECLAIM BASE COURSE FROM STA 0+00 TO STA 3+79
2. PATCH EXISTING TRENCHES AS DIRECTED
3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
4. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED
5. ADJUST CASTINGS TO FINISH GRADE
6. ADJUST 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE OF BIT CONC PAVEMENT
7. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
8. LOAM SEED DISTURBED AREAS

SCALE 1"=40'

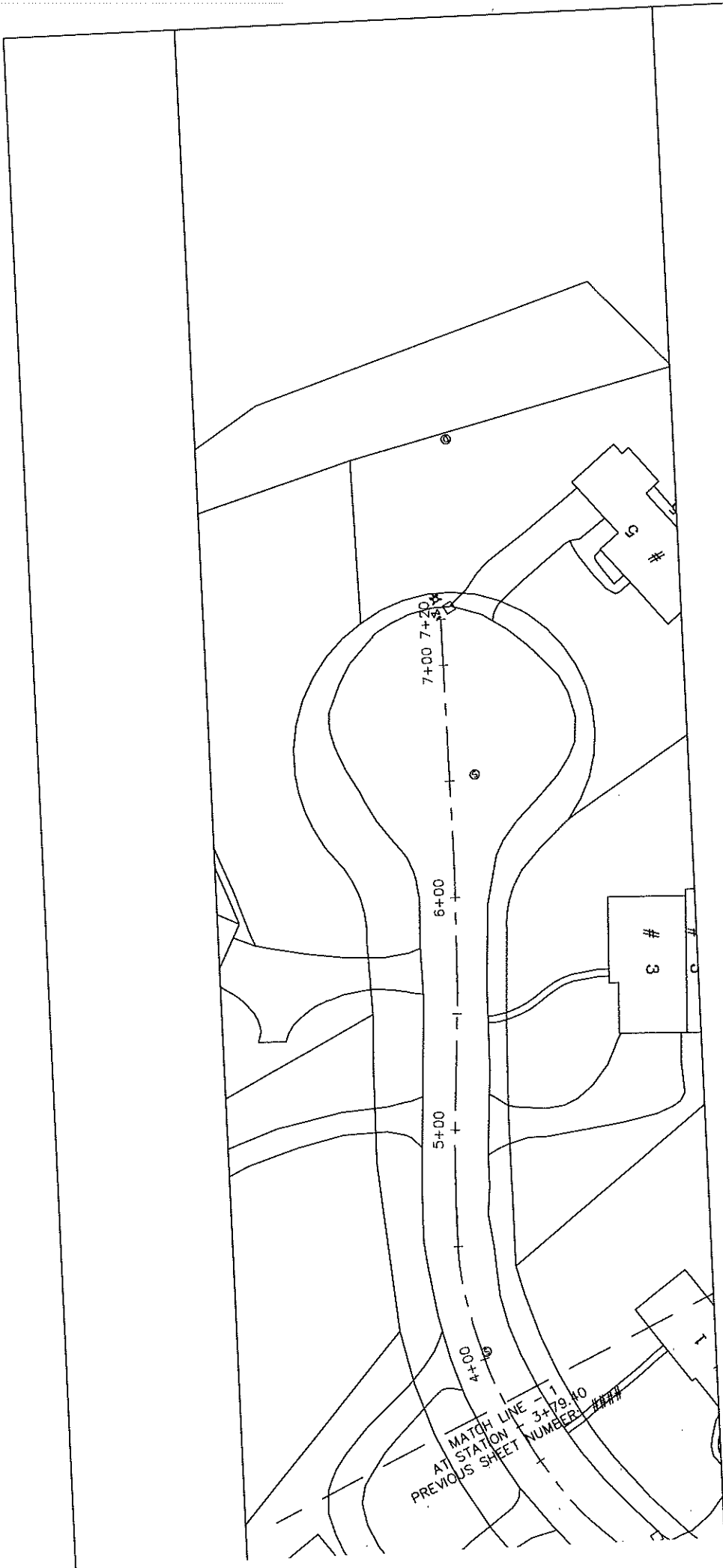


TOWN OF NATICK, MASSACHUSETTS  
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
75 WEST STREET, NATICK, MA 01760

ROADWAY IMPROVEMENTS AT  
VARIOUS LOCATIONS 2020

GRIST MILL LANE

DATE: 2/6/2020  
DRAWN BY: JBH  
SHEET: 48

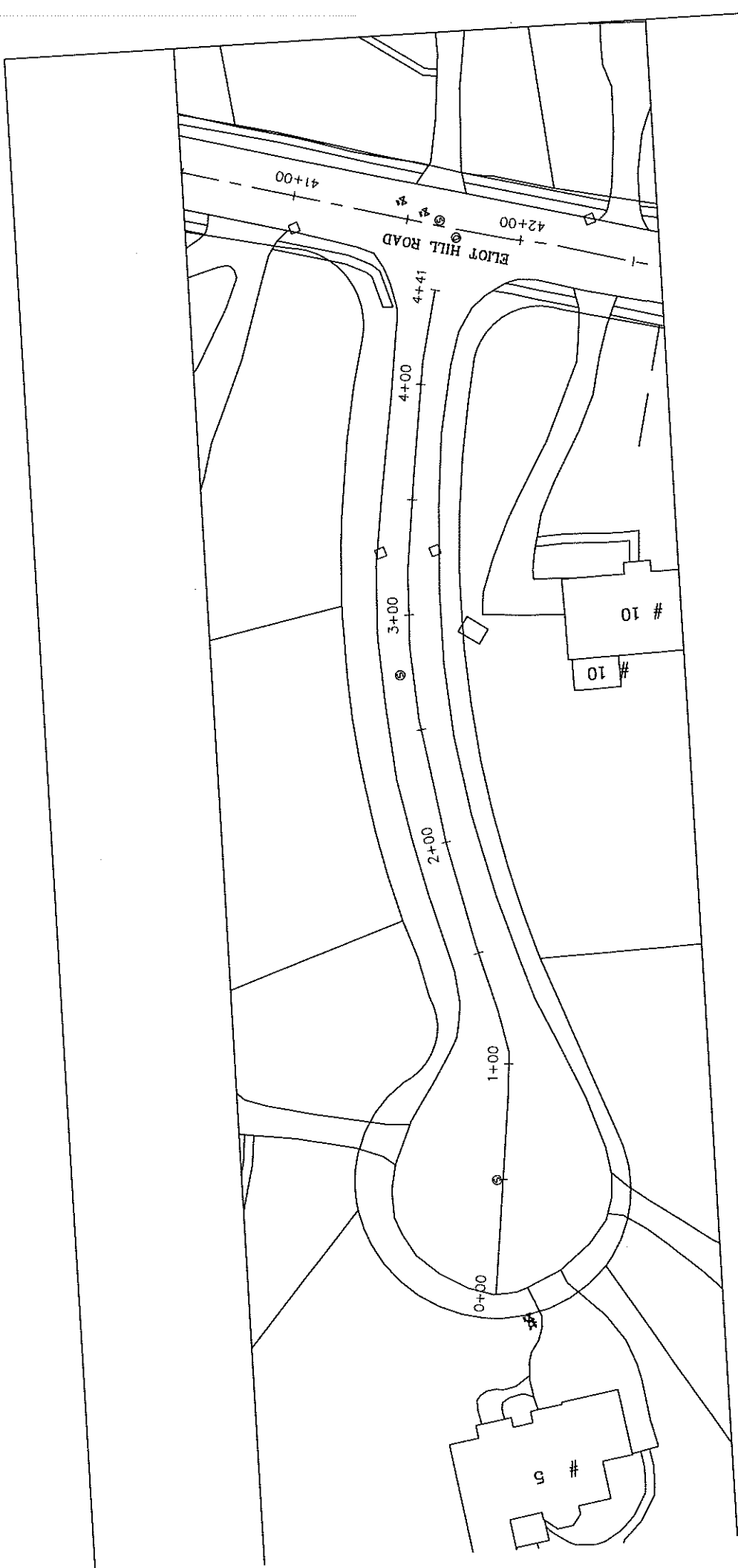


NOTES:  
 1. RECLAIM BASE COURSE FROM STA 3+79 TO STA 7+20  
 2. PATCH EXISTING TRENCHES AS DIRECTED  
 3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS  
 4. INSTALL VENT GRANITE CONCRETE ACCESS RAMPS AS DIRECTED  
 5. ADJUST CASTINGS TO FINISH GRADE  
 6. PLACE 2.5" BINDER COURSE AND 1.5" TOP WEARING COURSE  
 7. OF BIT CONC PAVEMENT  
 8. OF BIT CONC SIDEWALKS & DRIVEWAY APRONS  
 9. INSTALL 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS  
 10. LOAM SEED DISTURBED AREAS

SCALE 1"=40'



TOWN OF NATICK, MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION 75 WEST STREET, NATICK, MA 01913			
ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS 2020			
GRIST MILL LANE			
DESIGNED BY	JBH	DATE	2/6/2020
CHECKED BY		SCALE	AS SHOWN 49



- NOTES:
1. MILL 2.0" FROM ROADWAY SURFACE
  2. PATCH EXISTING TRENCHES AS DIRECTED
  3. PATCH EXISTING GRANITE CURBING AT ACCESS RAMPS
  4. INSTALL VENT GRANITE CURBING AT ACCESS RAMPS AS DIRECTED
  5. INSTALL CEMENT CONCRETE ACCESS RAMPS AS DIRECTED
  6. ADJUST CASTINGS TO FINISH GRADE
  7. PLACE 2.0" TOP WEARING COURSE OF BIT CONC PAVEMENT
  8. PLACE 5' WIDE BIT CONC SIDEWALKS & DRIVEWAY APRONS
  9. LOAM SEED DISTURBED AREAS

SCALE 1" = 40'

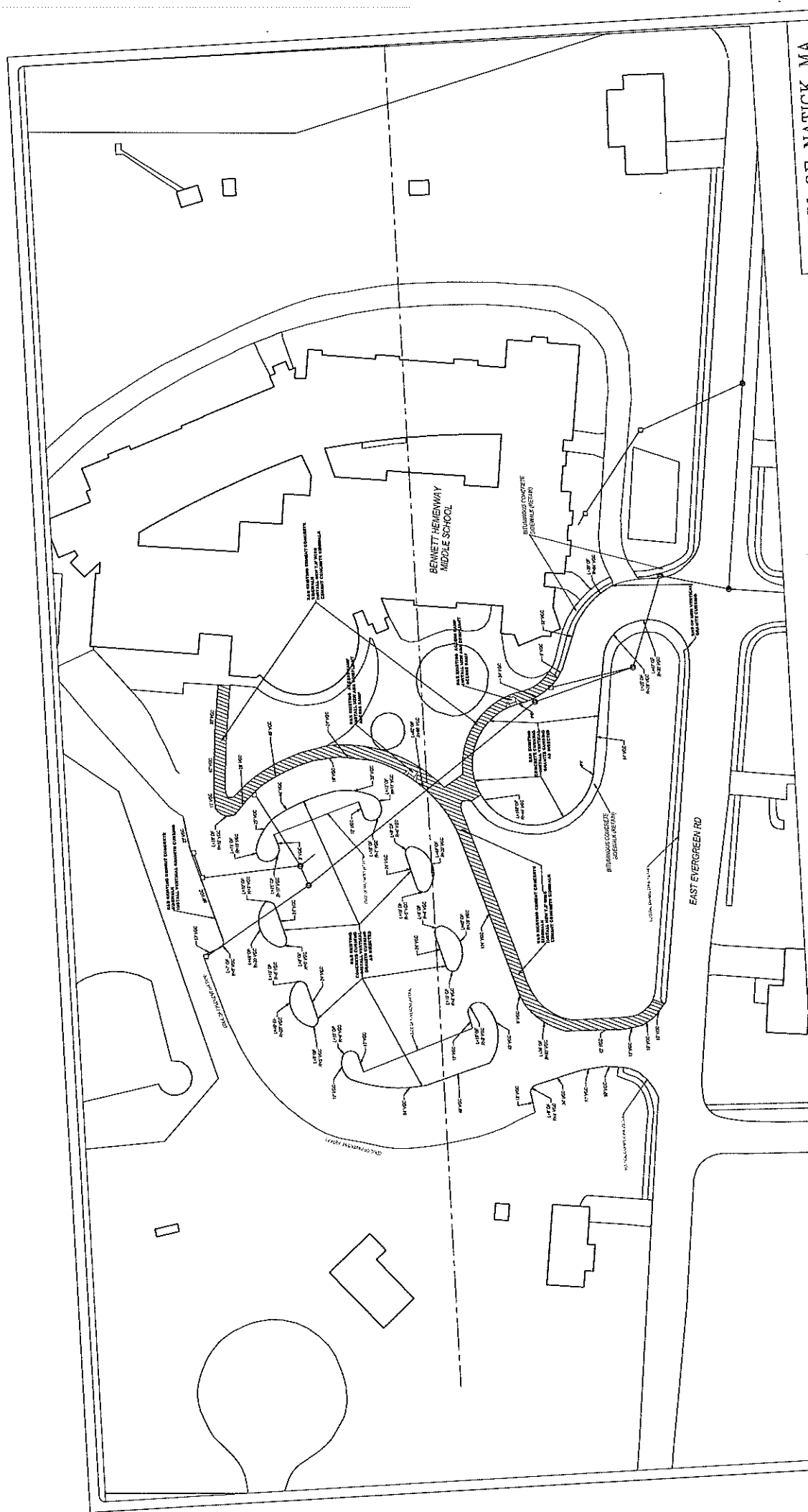


TOWN OF NATICK, MASSACHUSETTS  
 DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION  
 75 WEST STREET, NATICK, MA 01913

ROADWAY IMPROVEMENTS AT  
 VARIOUS LOCATIONS 2020

CHALCOM CIRCLE

DATE: 2/6/2020  
 DRAWN BY: JBH  
 SHEET NO.: 50



# TOWN OF NATICK MA.

ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS 2020

BENNETT HEMINGWAY ELEMENTARY SCHOOL

ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

NATICK, MA 01900

75 WEST STREET

1/22/2019

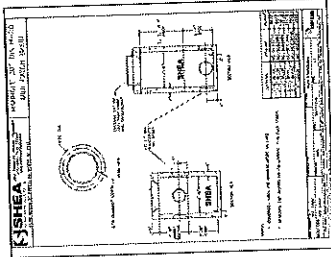
51



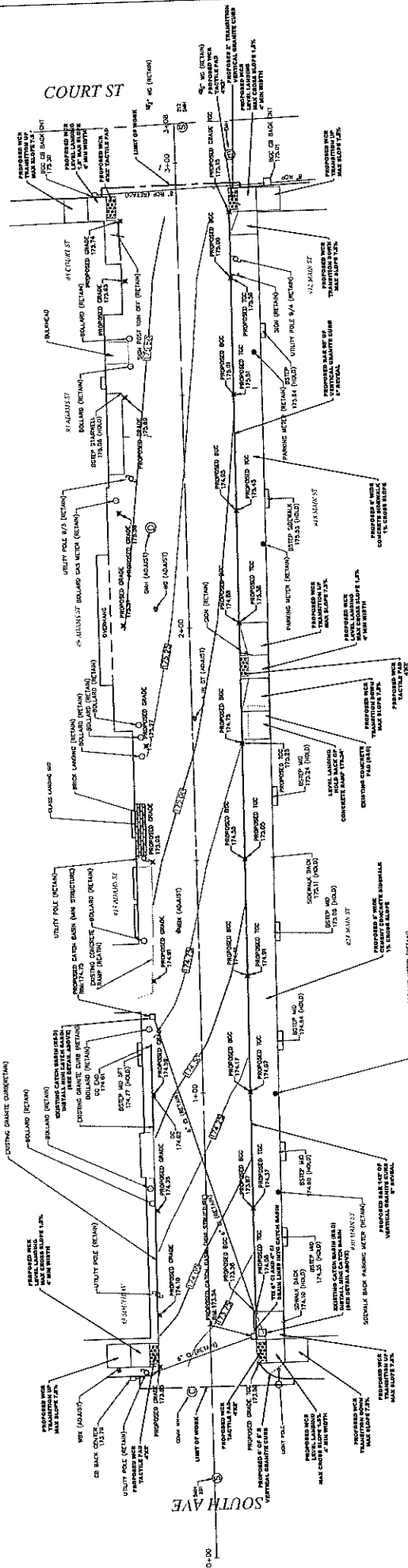
- NOTES:
1. NEW EXISTING CONCRETE CURBING AS DIRECTED
  2. NEW EXISTING CONCRETE SIDEWALK AS DIRECTED
  3. INSTALL ADA COMPLIANT ACCESS RAMP AS DIRECTED
  4. INSTALL ADA COMPLIANT ACCESS RAMP (2) AS DIRECTED
  5. INSTALL 12" HMA OVERLAY AND MAIZE STRUCTURES AS DIRECTED

P L A N  
SCALE: 1" = 30'





MINI CATCH BASIN DETAIL



- NOTES:
1. PROPOSED DRAINAGE IMPROVEMENTS FROM STATION 0+00 TO 2+00 AS DIRECTED. RE-GRADE ROAD WITH 1.2%.
  2. PROPOSED DRAINAGE IMPROVEMENTS FROM STATION 2+00 TO 3+00 AS DIRECTED. RE-GRADE ROAD WITH 1.2%.
  3. PROPOSED DRAINAGE IMPROVEMENTS FROM STATION 3+00 TO 4+00 AS DIRECTED. RE-GRADE ROAD WITH 1.2%.
  4. PROPOSED DRAINAGE IMPROVEMENTS FROM STATION 4+00 TO 5+00 AS DIRECTED. RE-GRADE ROAD WITH 1.2%.
  5. PROPOSED DRAINAGE IMPROVEMENTS FROM STATION 5+00 TO 6+00 AS DIRECTED. RE-GRADE ROAD WITH 1.2%.
  6. PROPOSED DRAINAGE IMPROVEMENTS FROM STATION 6+00 TO 7+00 AS DIRECTED. RE-GRADE ROAD WITH 1.2%.
  7. PROPOSED DRAINAGE IMPROVEMENTS FROM STATION 7+00 TO 8+00 AS DIRECTED. RE-GRADE ROAD WITH 1.2%.
  8. PROPOSED DRAINAGE IMPROVEMENTS FROM STATION 8+00 TO 9+00 AS DIRECTED. RE-GRADE ROAD WITH 1.2%.
  9. PROPOSED DRAINAGE IMPROVEMENTS FROM STATION 9+00 TO 10+00 AS DIRECTED. RE-GRADE ROAD WITH 1.2%.
  10. PROPOSED DRAINAGE IMPROVEMENTS FROM STATION 10+00 TO 11+00 AS DIRECTED. RE-GRADE ROAD WITH 1.2%.

**TOWN OF NATICK MA.**

ROADWAY IMPROVEMENTS AT VARIOUS LOCATIONS 2020

**ADAMS STREET IMPROVEMENTS**

ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PROJECT NO. 73 WEST STREET

DESIGNED BY: J.M. JHE

CHECKED BY: JHE

DATE: 1/18/2020

SCALE: 1" = 10'

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