



**2019 ROADWAY IMPROVEMENT PROJECT
NORTHEASTERN BOULEVARD, EMERY ROAD, BURNS ROAD
SALEM, NH**

ADDENDUM No. 1

January 18, 2019

This Addendum forms part of the Bidding and Contract Documents and modifies the Drawings and Contract and Specifications for the 2019 Roadway Improvement Project – Northeastern Boulevard, Emery Road, Burns Road. The items set forth herein, whether of omission, addition, substitution or clarification, are all to be included in and shall form part of the proposed work and Bids submitted to the Town of Salem, New Hampshire. Inclusion of this Addendum shall be acknowledged by inserting its number in the space provided in the Bid Proposal form (Section 00301A). Failure to acknowledge any and all addenda in the above specified Bid Proposal form may be cause for rejection of the bid by the Owner on the grounds that it is not responsive.

ADDEDNDUM No. 1

Bidders are advised the following clarifications and changes are generated by questions at the pre-bid meeting on January 10, 2019 and are hereby incorporated into the CONTRACT DOCUMENTS AND SPECIFICATIONS:

1. **Insert** the attached Section 00301A (Bid) in the CONTRACT DOCUMENTS AND SPECIFICATIONS and **Discard** the original version of Section 00301A.

The revised document removes quantities for Emery Road and Burns Road. All Work associated with Emery Road and Burns Road has been removed from the Bid. Water work for Dennis Drive identified in Bid Alt 1 is still proposed.

The revised document also provides for Reclaim In-Place quantity following field layout of centerline elevations. Where field verification of grades allows, the Reclaim In-Place is intended to replace Reclaim/Remove/Rehandle in order to expedite the project and minimize disruption of traffic.

2. **NH Licensed Land Surveyor requirement:** Specifications state Contractor must employ a NHLLS for survey, layout and as-built. Can Contractor self-perform if they have GPS and experienced personal.



Yes. Demonstrated competency in layout by the Contractor is acceptable. Requirements of an LLS extend principally to crucial layout practices that need to be certified such as lot corners or bridge placement. The requirement also extends to those Contractors who do not have the proper equipment and do not have necessary competency and experience in layout control.

3. **Dennis Drive:** Is there a sketch for the work on Dennis Drive?

A Sketch for the work on Dennis Drive has been included with this Addendum #1. Note there is no quantity for asbestos pipe removal. The existing asbestos pipe will be abandoned in place. Necessary pipe removal to make connections with new pipe will be considered incidental and subsidiary to the water work.

4. **Vertical Granite Curb Installation:** The detail for vertical granite curb shows concrete placement on the front and back of the curb. How is the concrete paid for?

Concrete placement necessary for granite curb setting is part of the granite curb item.

5. **Pipe and Structure Removal:** How are pipe and structure removals paid? There are no bid items for the work.

The updated Bid Sheets account for pipe and structure removals.

6. **Pavement removal:** pavement removal on the north side of the road is shown as common excavation. Should the contractor choose to reclaim the area will the town take the material?

The Contractor will keep the excavated material in the pavement removal area. If the Contractor chooses to reclaim the area under Means and Methods and if the Town wants/needs the material additional compensation for in-place processing beyond the common excavation would be negotiated.

7. **Typical Trench Detail:** The detail indicates $\frac{3}{4}$ " crushed stone for bedding but notes a gravel unit item (304.4). Which is correct?

Pipe will be bedded in standard $\frac{3}{4}$ " stone. There are no special requirements for bedding. The correct reference is Stone Size #4 from NHDOT Section 703, Table 1E.

8. **Underdrain Detail:** The underdrain detail identifies Marafi N140 non-woven fabric, but the Supplemental specification identifies a woven microweave monofilament fabric. Which is correct?

Marafi 140N (or approved equal) is the correct fabric. The Town is currently testing the performance of underdrain fabrics. Until results are obtained the continued use of the microweave monofilament is on hold.

9. **Joint Adhesive:** What is the requirement for hot rubber joint adhesive?

Generally, Joint adhesive is only called for on a cold joint as defined by the continuation of work in excess of a day later. There are exceptions to the rule as field conditions will dictate. Pavement Joint Adhesive is subsidiary to the paving items.

- 10. Drain Pipe Length:** How is drainage pipe length broken down.

Refer to the Quantity by Road spreadsheet in Appendix B of the specification book. All quantities are broken down by street.

- 11. Contract Award:** What is basis of the award?

The Town intends on awarding all work so, the bids should be structured accordingly. The Town reserves the right to award the project on any combination of base and bid alternates.

- 12. Drain Structure Remodels:** How are drain structure remodels paid?

Refer to Supplemental Specification 604 for the requirements of drain structure remodels.

- 13. Sidewalk:** How is sidewalk paid for?

The project does not have any sidewalk work. Payment for new sidewalk work would normally be under a sidewalk item. Should any new sidewalk work be encountered payment shall be in accordance with typical NHDOT items for excavation, gravel, curb, pavement (hand method), etc. Where an item does not exist, pricing will be negotiated at that time.

- 14. Construction intent adjacent to curbing:** How has reclaim and excavation activities adjacent to the existing granite curb accounted for?

The project intent is to retain the existing curb and sidewalk between STA 4+00 LT and STA 10+50 LT. Contractors are invited to present options prior to reclaim activities. The project assumes that the reclaim operation would stay off the existing curbing approximately 2-feet. The balance of the pavement will be removed to the face of existing curb following reclamation activities.

****END OF ADDENDA NO. 1****

SECTION 00301A

BID

To the Town of Salem, New Hampshire, herein called the Owner, acting by and through its Engineering Division, for the 2019 Roadway Improvement Project – Northeastern Boulevard, Emery Road, Burns Road.

The Undersigned, as bidder, herein referred to as singular and masculine, declares as follows:

- (1) The only parties interested in this BID as Principals are named herein;
- (2) This BID is made without collusion with any other person, firm, or corporation;
- (3) No officer, agent, or employee of the Owner is directly or indirectly interested in this BID;
- (4) He has carefully examined the site and adjacent areas of the proposed Work and fully informed and satisfied himself as to the conditions and restraints existing, the character and requirements of the proposed Work, the difficulties attendant upon its execution given said conditions and restraints, and the accuracy of all estimated quantities stated in this BID, and he has carefully read and examined the Contract Documents therein referred to and knows and understands the terms and provisions thereof;
- (5) He understands that information relative to subsurface and other conditions, natural phenomena, existing pipes, foundations, and other structures (surface and/or subsurface) has been furnished only for his information and convenience without any warranty or guarantee, expressed or implied, that the subsurface and/or other conditions, natural phenomena, existing pipes, foundations, and other structures (surface and/or subsurface) actually encountered will be the same as those shown in the Contract Documents and he agrees that he shall not use or be entitled to use any such information made available to him through the Contract Documents or otherwise or obtained by him in his own examination of the site, as a basis of or ground for any claim against the Owner or the Engineer arising from or by reason of any variance which may exist between the aforesaid information made available to or acquired by him and the subsurface and/or other conditions, natural phenomena, existing pipes, foundations, and other structures (surface and/or subsurface) actually encountered during the

construction work, and he has made due allowance therefore in this BID;

- (6) He understands that protection of public or private property is the Contractor's responsibility and any damage, whether in or out of the work limit, to any public or private property, facility, structure or utility resulting from any action of his in the prosecution of work shall be his sole burden to correct to the fullest satisfaction of the owner of such public or private property, facility, structure or utility. He understands that no additional compensation of any kind is warranted or will be granted for any damage to any public or private property, facility, structure or utility damaged as a result of his prosecution of any work;

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- (7) he understands that the quantities of work tabulated in this BID or indicated in the Contract Documents are only approximate and are subject to increase or decrease as deemed necessary by the Engineer;

- (8) he agrees that, if this BID is accepted he will contract with the Owner, as provided in the copy of the Contract Documents deposited in the office of the Engineer, this BID form being part of said Contract Documents, and that he will perform all the work and furnish all the materials and equipment, and provide all labor, services, plant, machinery, apparatus, appliances, tools, supplies and all other things required by the Contract Documents in the manner and within the time therein prescribed and according to the requirements of the Engineer as therein set forth, and that he will take in full payment therefore the lump sum or unit price applicable to each item of the Work as stated in the schedule below.

Note: Bidders must submit a completed Statement of Bidders Qualifications with the Bid. Failure to submit a completed Statement of Bidders Qualifications may be deemed by the Owner as a non-responsive Bid. Refer to Section 00420.

Note: Bidders must bid on each item. All entries in the entire BID must be made clearly and in ink. In case of discrepancy between prices in writing and in figures, the writing shall govern. In case of discrepancy between the product obtained by multiplying the estimated quantity by the unit price, and the extended amount, the product obtained shall govern. In case of discrepancy between total of extended amounts and total amount of bid stated, total of extended amounts shall govern. Use the pages in this document when submitting proposal and submit contract documents intact.

This BID includes Addenda number(s) _____ (To be filled in by Bidder if Addenda are issued.)

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BID
00301A -2

Bid Schedule
2019 Roadway Improvement Project
Northeastern Blvd, Emery Rd, Burns Rd
Salem, New Hampshire

| ITEM | DESCRIPTION | EST. QTY. | UNIT | UNIT PRICE | | EXTENDED TOTAL |
|---------------------------------|--|-----------|------|------------|---------|----------------|
| | | | | Words | Figures | (Figures) |
| BASE BID - SECTION 1 (OPTION A) | | | | | | |
| 202.41 | Remove Existing pipe (0 - 24" diameter) | 50 | LF | | | |
| 202.5 | Remove Drain Structure (basin or manhole) | 7 | EA | | | |
| 203.1 | Common Excavation | 750 | CY | | | |
| 203.11 | Common Excavation for Driveways | 100 | CY | | | |
| 206.19 | Exploratory Excavation (test pits) | 50 | CY | | | |
| 206.2 | Rock Structure Excavation | 50 | CY | | | |
| 214 | Fine Grading | 1 | UNIT | | | |
| 304.4 | Crushed Stone Fine | 100 | CY | | | |
| 306.21 | Reclaim, Remove and Rehandle Recl Stab Base (10" Deep) | 4468 | SY | | | |
| 403.11 | 3/4" Permanent Binder or Base Pavement | 1070 | TONS | | | |
| 403.11 | 1/2" HBP Wearing Course | 401 | TONS | | | |

| ITEM | DESCRIPTION | EST. QTY. | UNIT | UNIT PRICE | | EXTENDED TOTAL |
|-----------|-------------------------------------|-----------|------|------------|---------|----------------|
| | | | | Words | Figures | (Figures) |
| 403.12 | HBP Hand Method | 100 | TONS | | | |
| 417 | Cold Planing | 150 | SY | | | |
| 603.00212 | 12" RCP Drain Pipe, 2000D | 158 | LF | | | |
| 604.0007 | Polyethylene Liner | 10 | EA | | | |
| 604.12 | Catch Basin | 6 | EA | | | |
| 604.32 | Drain Manhole | 1 | EA | | | |
| 604.4 | Reconstructing/Remodel Catch Basins | 1 | EA | | | |
| 604.45 | Adjust Catch Basin Grates & Frames | 3 | EA | | | |
| 604.5 | Adjust Manhole (Drain or Sewer) | 4 | EA | | | |
| 604.6 | New Frame & Cover (Drain or Sewer) | 2 | EA | | | |
| 604.72 | New Frame & Grate, Type B | 1 | EA | | | |
| 609.5 | Reset Granite Curb | 160 | LF | | | |
| 611.811 | Adjust or Relocating Hydrant | 2 | EA | | | |
| 611.90001 | Adjust valve boxes | 5 | EA | | | |

| ITEM | DESCRIPTION | EST. QTY. | UNIT | UNIT PRICE | | EXTENDED TOTAL |
|-----------------------------------|--|-----------|------|-------------------------------------|-------------|----------------|
| | | | | Words | Figures | (Figures) |
| 611.90002 | Water Gate Boxes | 2 | EA | | | |
| 615.032 | Traffic Sign, Type C w/Break away post | 20 | SF | | | |
| 618 | Uniformed Police for Traffic Control | ALLOWANCE | | FIFTY THOUSAND DOLLARS AND NO CENTS | \$50,000.00 | \$50,000.00 |
| 619.1 | Maintenance of Traffic | 1 | LS | | | |
| 628.2 | Sawed Bituminous Pavement | 500 | LF | | | |
| 632.0104 | Retroreflective Paint Pavement Marking, 4" Line | 5000 | LF | | | |
| 632.3118 | Retroreflective Thermoplastic Pavment (18" Stop) | 30 | LF | | | |
| 645.533 | Inlet Filter Baskets | 10 | EA | | | |
| 646.512 | Turf Establishment w/ Mulch, Tackifiers, & Loam | 4515 | SY | | | |
| 692 | Mobilization | 1 | LS | | | |
| 1010.2 | Asphalt Cement Adjustment | ALLOWANCE | | TEN THOUSAND DOLLARS AND NO CENTS | \$10,000.00 | \$10,000.00 |
| TOTAL AMOUNT (BASE BID SECTION 1) | | | | | | |

Key to Units: LF = Linear Feet; VF = Vertical Feet; SY = Square Yards; CY = Cubic Yards; LS = Lump Sum; EA = Each

| ITEM | DESCRIPTION | EST. QTY. | UNIT | UNIT PRICE | | EXTENDED TOTAL |
|---------------------------------|-----------------------------------|-----------|------|------------|---------|----------------|
| | | | | Words | Figures | (Figures) |
| BASE BID - SECTION 1 (OPTION B) | | | | | | |
| 306.110 | Reclaim in-place (10-inches Deep) | 4,468 | SY | | | |
| | | | | | | |

Where the existing road can be left in-place this item shall replace item 306.210 (Remove, Remove, Rehandle Stabilized Base (10" Deep) in Option A.

| ITEM | DESCRIPTION | EST. QTY. | UNIT | UNIT PRICE | | EXTENDED TOTAL |
|-------------------------------------|---|-----------|------|------------|---------|----------------|
| | | | | Words | Figures | (Figures) |
| BID ALTERNATE 1 - WATR IMPROVEMENTS | | | | | | |
| 206.19 | Exploratory Excavation (test pits) | 25 | CY | | | |
| 206.2 | Rock Structure Excavation | 50 | CY | | | |
| 304.4 | Crushed Stone Fine | 100 | CY | | | |
| 403.12 | HBP Hand Method | 75 | TONS | | | |
| 417 | Cold Planing (permenant trench) | 100 | SY | | | |
| 611.05206 | 6" Cement Lined Ductile Iron Pipe, Class 52 | 150 | LF | | | |
| 611.5001 | 1" Water Service Connection | 4 | Unit | | | |
| 611.70006 | 6" Fitting | 8 | EA | | | |
| 611.74 | 1" Chlorination Tap | 2 | EA | | | |
| 611.90002 | Water Gate Boxes | 4 | EA | | | |

| ITEM | DESCRIPTION | EST. QTY. | UNIT | UNIT PRICE | | EXTENDED TOTAL |
|--------------------------------|---|-----------|------|------------|---------|----------------|
| | | | | Words | Figures | (Figures) |
| 628.2 | Sawed Bituminous Pavement | 500 | LF | | | |
| 646.512 | Turf Establishment w/ Mulch, Tackifiers, & Loam | 300 | SY | | | |
| | | | | | | |
| TOTAL AMOUNT (BID ALTERNATE 1) | | | | | | |

Key to Units: LF = Linear Feet; VF = Vertical Feet; SY = Square Yards; CY = Cubic Yards; LS = Lump Sum; EA = Each

Total Amount of Base Bid – Section 1 (Option A):

\$ _____
(Amount in Figures)

(Amount in Words)

Total Amount of Bid Alternate 1 – Water Improvements:

\$ _____
(Amount in Figures)

(Amount in Words)

Total Amount of Base Bid – Section 1 (Option A) + Bid Alternate 1:

\$ _____
(Amount in Figures)

(Amount in Words)

Do Not include Section 1 (Option B) in Total

The undersigned agrees that extra work, if any, performed in accordance with the Article 10 of the General Conditions of the Contract will be paid for in accordance with Article 11 of the General Conditions of the Contract.

If this BID is accepted by the Owner, the undersigned agrees to complete the entire work provided to be done under the Contract within the time stipulated in the AGREEMENT.

As provided in the INSTRUCTIONS TO BIDDERS, the bidder hereby agrees that he will not withdraw this BID for a period of 90 calendar days after the actual date of the opening of the Bid and that, if the Owner shall accept this BID, the bidder will duly execute and acknowledge the AGREEMENT and insurance and furnish, duly executed and acknowledged, the required CONTRACT BONDS within ten (10) days after notification that the AGREEMENT and other Contract Documents are ready for signature.

Should the bidder fail to fulfill any of his agreements as hereinabove set forth, the Owner shall have the right to retain as liquidated damages the amount of the bid security which shall become the Owner's property. If a bid bond was given, it is agreed that the amount thereof shall be paid as liquidated damages to the Owner by the Surety.

The bidder, by submittal of this BID, agrees with the Owner that the amount of the bid security deposited with this BID fairly and reasonably represents the amount of damages the Owner will suffer due to the failure of the bidder to fulfill his agreements as above provided.

The undersigned further certifies under 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 paragraph the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The attached CERTIFICATE OF NON-COLLUSION must be signed and submitted as part of the Bid Proposal.

(SEAL) _____
(Name of Bidder)

By _____
(Signature and title of authorized representative)

(Telephone)

(Business address)

(Fax Number)

(City and State)

Date _____

BID
00301A - 13

The bidder is a corporation incorporated in the State (or Commonwealth) of _____ - a partnership - an individual. (Bidder must add and delete as necessary to make this sentence read correctly.)

Note: If the bidder is a corporation, affix corporate seal and give below the names of its president, treasurer, and general manager if any; if a partnership, give full names and residential addresses of all partners; and if an individual, give residential address if different from business address.

CERTIFICATE OF NON-COLLUSION

By submission of this Proposal, the bidder and each person signing on behalf of the bidder, certifies as to its own organization, under penalty of perjury, that to the best of their knowledge and belief:

1. The prices in this Bid Proposal have been arrived at independently without collusion, consultation, communication, or agreement with any other bidder or with any competitor for the purpose of restricting competition.
2. Unless required by law, the prices that have been quoted in this Bid Proposal have not been knowingly disclosed and will not knowingly be disclosed by the bidder, directly or indirectly, to any other bidder or competitor prior to opening of Proposals.
3. No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit or not to submit a proposal for the purpose of restricting competition.
4. The signers of the Proposal hereby tender to the Owner this sworn statement that the named Contractor(s) has not, whether directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action to restrain free competitive bidding in connection with this Proposal.

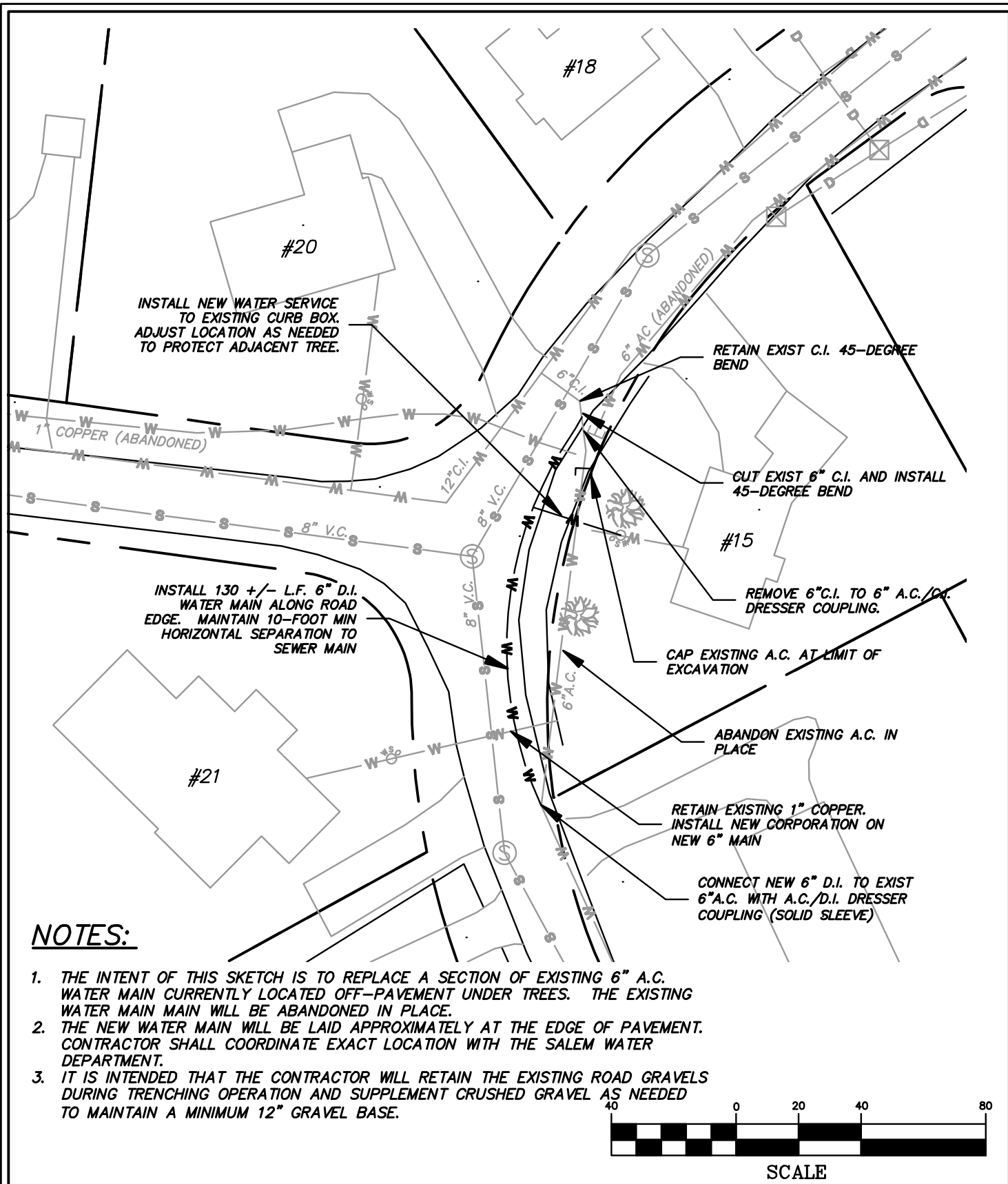
A Bid Proposal will not be considered for award nor will any award be made where there has not been compliance with the statements in the certification above.

(Name of person signing bid or proposal)

(Name of business)

END OF SECTION 00301A

BID
00301A - 15



| | |
|--------------------|------------------|
| DATE: 01/19 | JOB NO. — |
| DWG. SK1 | SCALE: 1"=40' |

TOWN OF SALEM
ENGINEERING DEPARTMENT
33 GEREMONTY DRIVE
SALEM, NH 03079

2019 ROAD PROGRAM
DENNIS DRIVE
WATER IMPROVEMENT