

Addendum No. 2 to IFB 18-24



CITY OF SOMERVILLE, MASSACHUSETTS
Department of Purchasing
JOSEPH A. CURTATONE
MAYOR

To: All Parties on Record with the City of Somerville as Holding IFB 18-24, **Somerville Avenue Utility and Streetscape Improvements**

From: Michael Richards, Assistant Purchasing Director

Date: January 17, 2018

Re: Extend Bid Submission Deadline, Answer Questions during Q/A Period, Clarify Qualifications Requirements, Revise Unit Price Form, Revise Technical Specifications, Append List of Bid Holders

Addendum No. 2 to IFB 18-24

Please acknowledge receipt of this Addendum by signing below and including this form in your proposal package. Failure to do so may subject the proposer to disqualification.

This addendum includes the following:

- Clarifies the title of this project. All documentation regarding this project should refer to the work as the *Somerville Avenue Utility and Streetscape Improvements* project.
- Extend Deadline for Submissions. The new deadline to submit bids will be **11:00am Wednesday February 7th**.
- Answers questions received prior to the Q/A deadline
- Revised Unit Price Form. Bidders must submit the attached bid forms (identified with "REV 1" in the upper right hand corner of each page) with their bid
- Technical Specifications. Includes revisions resulting from the questions received.
- Attaches the updated list of all interested plan holders.

NAME OF COMPANY / INDIVIDUAL: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

TELEPHONE/FAX/EMAIL: _____

SIGNATURE OF AUTHORIZED INDIVIDUAL: _____

ACKNOWLEDGEMENT OF ADDENDA:

Addendum #1 _____ **#2** _____ **#3** _____ **#4** _____

City of Somerville
Somerville Avenue Utility and Streetscape Improvements Project
IFB# 18-24

Questions & Answers No. 2
January 12, 2018

Q1: For the box culvert, where is the specification for the stainless steel hardware to make the final closure?

A1: Hardware is not required for culvert sections closure.

Q2: There are precast concrete risers that sit on the box culvert. What bid item do these risers get paid under?

A2: A Bid Item is added: ITEM NO. 202-900, RISER CONNECTION TO BOX CULVERT, EACH. Please refer to Addendum No. 2, Items 1, 3, 18 and 19. To avoid confusion, the Unit Price Form is being reissued.

PLEASE NOTE: A new “FORM FOR GENERAL BID, Unit Price Form” is issued with Addendum No. 2. **BIDDERS MUST USE THE BID FORM ATTACHED HERETO (AND IDENTIFIED BY “REV 1” IN THE UPPER RIGHT HAND CORNER OF EACH PAGE) TO SUBMIT THEIR BID. ALL OTHER COPIES OF THE BID FORM SHOULD BE DISCARDED.**

Q3: Reference Question 8 from Addendum 1: CIPP liners utilizing fiberglass (or other) reinforcement are an industry standard product and will be advantageous to the owner. Reinforced liners allow adequate structural properties and flow characteristics to meet the specification, and ASTM F1216, at a thinner millimeter than standard felt liner. Due to weight/transport restrictions, thinner liners may allow steam inversions from manhole to manhole without installing pits or additional manholes, or may reduce/eliminate the necessity for on-site wetout operations. Both pit installations, non-steam inversions and on-site wetout will tremendously increase cost, and duration of the work as well as impact to the community and service connection obstruction. Please consider allowing reinforced liner in accordance with ASTM F1216.

A3: **DELETE** the answer to Question 8 from Addendum 1 and **REPLACE** with the following:

“The use of fiberglass reinforced liner in accordance with ASTM F1216 is acceptable. Please reference Addendum No. 1, Item 11. Avoiding on-site wet-out operations is preferred wherever feasible. If on-site wet-out operations are the only feasible method, please refer to Addendum No. 2, Item 20.”

- Q4: Reference Sheet W-2, Section 3 - 16" Water Main: On the south side of Prospect @ Somerville Ave calls out a 20" Butterfly Valve while the profile on plan Sheet W-10 sheet calls for a 16" butterfly valve. Which is correct?
- A4: This should be a 16-inch butterfly valve as it is after the proposed 16"x20" Increaser at Prospect Street. Please refer to Addendum No. 2, Item 24.
- Q5: Reference Sheet W-4 – Merriam Street – Calls out "Connect to existing 8" Water main & provide restrained gate valve." Is this Gate Valve in addition to the 8" Gate Valve installed approximately 6 feet from the 12x8 tee @ Somerville Ave and Merriam Street?
- A5: Yes.
- Q6: Reference Sheet W-5 – 12" Water Main in Segment 5 - At approximately STA 213+00 it calls for a proposed 16x6 tee. Should this be a 12x6 tee?
- A6: Yes. Please refer to Addendum No. 2, Item 25.
- Q7: Reference Sheet W-21, Roadway Utility Trench detail, Note 3 states "Existing concrete slab exists below pavement in Somerville Avenue. The concrete slab varies from 0" to 12" below asphalt." The Concrete only appears in one boring (PB-2) on Somerville Ave. However, all borings were taken in the westbound shoulder lane so there isn't any information for most of the roadway. Please provide either the actual limits of the concrete pavement or assumed limits of the concrete pavements so all bidders are working from the same data.
- A7: Evidence of this concrete slab has been reported by multiple City contractors working in this extent of Somerville Avenue, except where recent utility work has removed it. Bidders should assume that the concrete slab will be encountered in 90% of the existing roadway surface of Somerville Avenue within the Project limits.
- Q8: Reference Specifications Section 01012-2 Part 3, Paragraph 3.01.E.2, which states that Eversource Electric will also construct a new ductbank (not shown on the utility plans) on the south side of Somerville Ave between Webster Ave and Medford St. Without any information on size and location it is not possible to account for that utility in our bid. How does the Engineer propose to account for any added construction difficulties resulting from this proposed duct bank to be constructed by Eversource?
- A8: Please refer to Addendum No. 2, Item 22, which includes the current conceptual plan provided by Eversource to the City. Eversource has not yet filed with the City for a Grant of Location for this proposed ductbank, nor has Eversource developed engineered drawings. The City has controlling rights to the roadway, so Project activities will take precedence over third-party activities.

Regarding the timing of this work, please refer to Addendum No. 2, Item 17, which adds anticipated start and finish dates in Table 02500-1 of Section 02500 for installing this duct bank in 4 segments of Somerville Avenue. These dates anticipate that the Contractor will have installed the box culvert in the respective segment of Somerville Avenue before Eversource would install the ductbank.

Please also refer to Addendum No. 2, Items 4 and 5 for additions to Section 01012.

- Q9: With regards to Milestone 3; is the intent of this milestone limited to the completion of the roadway surfaces or does this milestone also include the completion of all work West of Allen St. (sidewalks, appurtenances, landscaping etc.)? Please advise.
- A9: Yes. Please refer to Addendum No. 2, Items 11 and 12.
- Q10: CB #42 is shown on Sheet SD-65 however, it is not included in the structure table on Sheet SD-67. Is this structure part of this Project? If so, please provide the appropriate sizes and elevations.
- A10: Yes, the structure is included in this Project. Please refer to Addendum No. 2, Item 30 for rim and invert information.
- Q11: Catch Basin CB #41 is shown on the profile on sheet SD-5 as a type SB structure. It is listed in the table on sheet SD-67 as a 4-ft. DIA w/SUMP. Which is correct?
- A11: It is 4-ft. DIA w/SUMP. Please refer to Addendum No. 2, Item 29.
- Q12: Reference Sheet W-1 – water line Segment 6. The callout on this sheet says to construct the water line under the 48” MWRA water line while the profile on Sheet W-19 shows the line going over the MWRA water line. Which is correct?
- A12: The proposed water main shall be installed over the 48” water main and insulated when its depth of cover is less than 5 ft. as indicted on Sheet W-19. Please refer to Addendum No. 2, Item 23, which corrects the callout on Sheet W-1.
- Q13: Reference Sheet W-9 and detail “Profile – Somerville Ave South Side Segment 2. There is a note calling for the encasement of the crown of the 66” CS. The limits of that work indicate that about 105 LF of the CS is to be capped and refers to a detail on sheet W-22. Is this correct? The detail shows that only 20+ LF of sewer is capped where the water main crosses the CS. Should the note state that where the waterline is parallel to the CS the water line is concrete encased and the detail on W-22 is for the location where the water main crosses the CS? Please advise.
- A13: Please refer to Addendum No. 2, Item 26, which clarifies the detail on Sheet W-22.
- Q14: Refer to plan sheet W-7 thru W-19 (water main profiles). There is a note on each sheet that states, “Prior to the start of water main construction, take test pits to confirm depth and size of crossing utilities.” On some sheets such as W-8, there are sections of water main tied to the test pit note with boxes seeming to indicate limits of the test pit note. Other sheets there are no boxes indicating limits for the test pit work. Is the intent here to test pit every crossing utility, test pit only where there is a box indicating test pits or some other intent? Please note that there are over

200 utility crossing on the water mains alone. Even if several individual utilities could be located in a single pit, locating every single utility crossing will be a significant effort. Please advise

- A14: Test pit must be excavated at the connection points to any existing water line. At the discretion of the Engineer, the Contractor shall excavate additional test pits at some but not necessarily all utility crossings. The bid quantity for Item No. 141-001 represents the Engineer's estimated quantity of test pits that will need to be taken.
- Q15: Refer to Appendix E, service tie cards. There is a gap in Somerville Ave between page 1329 (pdf page 8) and page 1328 (pdf page 9) so there is no information about services in the main part of Union Square. Please provide the pages that cover the Washington St crossing in Union Square.
- A15: Please refer to Addendum No. 2, Item 21, which issues Water Service Tie Cards numbered 1457 through 1459.
- Q16: Refer to Appendix E, service tie cards. The tie cards do not include the size of the services. Please provide the number and size of services we should carry in our bids.
- A16: Record information regarding the sizes of water services is not available. However, the Engineer has estimated the number of services of various sizes based on the sizes and uses of the structures served, and these quantities are included in the quantities presented in the Form for General Bid, Unit Price Form for various sizes of copper tubing and ductile iron pipe.
- Q17: Reference Sheet L-100, Detail 1 - Short-Term Temporary Patch: This detail indicates that the hot mix asphalt pays for under Item No. 460-001. However, Item No. 460-002 is titled Hot Mix Asphalt for Patching. Under which item is the hot mix asphalt paid for this detail.
- A17: Item No. 460-002. Please refer to Addendum No. 2, Item 32.
- Q18: Reference Sheet U-1 and Section 02500, Table 02500-1: What is the status of the Eversource duct bank and gas relocations?
- A18: Eversource has filed its Grant of Location for ductbanks "EV-1" and "EV-5" submission with the City. (See Sheet U-1.) This is in the review process and approval is anticipated to support spring construction. Please refer to Addendum No. 2, Items 14, 15, 16, and 27, which remove proposed ductbank "EV-2" and revised the timing for the installation of ductbanks "EV-1" and "EV-5".
- Eversource has an approved Grant of Location for the relocated gas lines ("G-2", "G-3", and "G-4" as indicated on Sheets U-1 and U-2), which are currently anticipated by Eversource to start construction in March 2018, weather permitting.
- Q19: Will all private utilities are relocated prior to the April 1, 2018 date?
- A19: No. The dates when private utilities are anticipated to be relocated are stated in Table 02500-1 in Section 02500 of the Technical Specifications. For revisions to Table 02500-1, please refer to Addendum No. 2, Items 14, 15, 16 and 17.

- Q20: Reference Section 01015 — Sequence of Work, Article 1.04 Constraints, Paragraph I.1.a. — Union Plaza: April 1 to July 15, 2018: Given the need for private utilizes to relocate their lines, can this constraint be modified?
- A20: Please refer to Addendum No. 2, Items 8 and 9.
- Q21: Reference Section 01015 — Sequence of Work, Article 1.04 Constraints, Paragraph I.1.a. — Union Plaza, April 1 to July 15, 2018: Does the Scope of Work included in Item No. 203-509 need to be accomplished in the time frame?
- A21: No. The Upstream Connection work included in Item No. 203-509 is not constrained by Paragraph I.1.a. The Upstream Connection work included in Item No. 203-509 is constrained by Paragraphs H.1. through H.3. Please refer to Addendum No. 2, Item 7, which clarified this point.
- Q22: Reference Sheet W-8/W-9 – 12” Water Main in Segment 2 – Why does it call for the main to concrete encased for 500 plus feet?
- A22: The water main needs to be encased because the required 10’ horizontal separation could not be achieved from the existing 66” Brick CS.
- Q23: Reference Sheet W-10 – the 16” Water Main in Segment 3 – Why does it call for the main to concrete encased for approximately 130 feet on Prospect Street, south of Somerville Ave.?
- A23: The water main needs to be concrete encased because the required 10’ horizontal separation could not be achieved from the existing 24” brick CS.
- Q24: Reference Section 02111, paragraph 3.03 R.5.a. and b.:—The specification mentions a guaranteeing the pruned trees for 6 years. Please clarify the intent.
- A24: The Specification does not require guaranteeing the pruned trees for 6 years. Rather, these paragraphs specify the type of the pruning to be performed, and the type of pruning to be performed depends on the age of the tree to be pruned.
- Q25: Reference Answer to Question 10 in Questions & Answers No. 2: The answer does not appear to reference the correct item in Addendum No. 1.
- A25: **DELETE** the answer to Question 10 from Addendum 1 and **REPLACE** with the following:
“Yes. Please refer to Addendum No. 1, Item 10.”

END OF QUESTIONS & ANSWERS NO. 2

Addendum No. 2

1. **Section 4: BID PRICING – Unit Price Form**

DELETE “FORM FOR GENERAL BID, Unit Price Form” consisting of 54 pages in its entirety and **REPLACE** with the new “FORM FOR GENERAL BID, Unit Price Form-**Rev1**”, consisting of 54 pages and included as Attachment 1 to this Addendum No. 2.

PLEASE NOTE: THE BID FORM ATTACHED TO THIS ADDENDUM:

-- ADDS ONE NEW BID ITEM “ITEM NO. 202-900 RISER CONNECTION TO BOX CULVERT EACH” AND

-- INCREASES THE QUANTITIES FOR ITEM NO. 141-001 TEST PITS AND ITEM NO. 200-005 FRAMES AND GRATES OR COVERS.

BIDDERS MUST USE THE BID FORM ATTACHED HERETO (AND IDENTIFIED BY “REV 1” IN THE UPPER RIGHT HAND CORNER OF EACH PAGE) TO SUBMIT THEIR BID. ALL OTHER COPIES OF THE BID FORM SHOULD BE DISCARDED.

BIDS NOT RECEIVED ON THE REVISED BID FORM WILL BE REJECTED.

2. **Technical Specifications – Section 01000**

Reference Addendum No. 1, Item No. 2, which issued a new Attachment K.

On page 01000-4, **ADD** the following after “ATTACHMENT K”:

“ATTACHMENT L – EVERSOURCE PLAN FOR NEW SOMERVILLE AVENUE DUCTBANK”

3. **Technical Specifications – Section 01000**

On page 01000-5, **ADD** the following after Item No 202-202:

Bid Item No.	Spec. Section No.	Description	Unit
“202- 900	02630	RISER CONNECTION TO BOX CULVERT	Each”

4. **Technical Specifications – Section 01012**

ADD the following to paragraph 3.01 E.2.:

“For conceptual plan, see Attachment L of the Technical Specifications. For the anticipated timing of this work, refer to Table 02500-1 in Section 02500.”

5. **Technical Specifications – Section 01012**

ADD new paragraph 3.01 E.4. after paragraph 3.01 E.3.:

“4. The Contractor shall ensure that the new Eversource ductbanks are installed prior to installing final streetscape work (including surface course pavement, cycle track pavement, curbing, pavers, and other landscape materials and street furniture) over the new ductbanks and manholes.”

6. **Technical Specifications – Section 01015**

DELETE the paragraph 1.04 G.1.a.1) in its entirety and **REPLACE** with the following:

- “1) For all work except Stages 1B through 1D: At least one 12-foot wide travel lane in each direction and at least one 8-foot wide sidewalk.
- 2) Stages 1B through 1D during work hours: At least one 12-foot wide travel lane eastbound and at least one 8-foot wide sidewalk. Westbound traffic shall be diverted south on Prospect Street and north on Webster Avenue.
- 3) Stages 1B through 1D during non-work hours: At least one 12-foot wide travel lane in each direction and at least one 8-foot wide sidewalk.”

7. **Technical Specifications – Section 01015**

ADD to the end of paragraph 1.04 H. (after the words “Upstream Connection Constraints”) the following: “(includes the work of Item No. 203-509)”.

8. **Technical Specifications – Section 01015**

DELETE the paragraph 1.04 I.1.a. in its entirety and **REPLACE** with the following:

“a. April 1, 2018 to September 15, 2018.”

9. **Technical Specifications – Section 01015**

In paragraph 1.05A. **DELETE** “July 15, 2018” and **REPLACE** with “September 15, 2018”.

10. **Technical Specifications – Section 01015**

In paragraph 1.05A.2. **DELETE** “paragraph 1.04 E.4.” and **REPLACE** with “paragraphs 1.04 I.2 through I.4.”

11. **Technical Specifications – Section 01015**

ADD the following after paragraph 1.05 C.2.:

“This includes new roadway pavement, curbing, sidewalks, cycle tracks, pavers, street lighting, planting, planters, irrigation system, tree cells, surface drainage, green infrastructure, street furniture, signage, and pavement markings.”

12. **Technical Specifications – Section 01015**
ADD the following after paragraph 1.05 C.3.:

“This includes new roadway pavement, curbing, sidewalks, cycle tracks, pavers, street lighting, planting, planters, irrigation system, tree cells, surface drainage, green infrastructure, street furniture, signage, and pavement markings.”

13. **Technical Specifications – Section 01300**
ADD new Article 1.05:

“1.05 DOCUMENT CONTROL SYSTEM:

- A. The City will use a vendor-supplied Document Control System such as Procore or similar product.
- B. The Contractor shall use the City’s Document Control System for Submittals and other project documents including, but not limited to, the following:
 - 1. Contact information for key project staff
 - 2. All Contract Documents
 - 3. Submittals
 - 4. Requests for Information
 - 5. Project Schedule and all updates
 - 6. Meeting Notes
 - 7. Project Correspondence
 - 8. Applications for Payment
 - 9. Field Memoranda
 - 10. Contract Change Directives
 - 11. Preliminary and Final Change Orders
 - 12. Claims
 - 13. Other documents as determined by the Engineer
- C. The Contractor shall designate one or more individuals (including backups) to upload those documents that are originated by the Contractor.
 - 1. All Subcontractors, suppliers, vendors and other entities employed by the Contractor shall make their submittals through the Contractor. These entities will not be given direct access to the Document Control System.
- D. The Engineer will provide staff to administer the Document Control System and monitor the progress of reviews and processing of documents from submittal to closeout.
- E. Training in the use of the Document Control System will be provided for Contractor staff at no cost to the Contractor.”

14. **Technical Specifications – Section 02500 – Table 02500-1:**
In the row “EV-1” **DELETE** the Anticipated Completion Date of “30Apr2018” and **REPLACE** with “30Jun2018”.

15. Technical Specifications – Section 02500 – Table 02500-1:

DELETE the row “EV-2” in its entirety.

16. Technical Specifications – Section 02500 – Table 02500-1:

In the row “EV-5” **DELETE** the Anticipated Completion Date of “30Apr2018” and **REPLACE** with “30Jun2018”.

17. Technical Specifications – Section 02500 – Table 02500-1:

After the row “EV-5” **ADD** the following:

“Sheet	No.	Location	Issue	Work required	Anticipated Start Date	Anticipated Completion Date	Comments
Attachment L	EV-6	Union Sq. to Prospect St.	New duct bank	New 9-5” duct with MHs	01-Mar-2019	30-Jun-2019	
Attachment L	EV-7	Prospect St. to Merriam St.	New duct bank	New 9-5” duct with MHs	01-Mar-2020	31-Jul-2020	
Attachment L	EV-8	Merriam St. to Mansfield St.	New duct bank	New 9-5” duct with MHs	15-Sep-2020	31-Dec-2020	
Attachment L	EV-9	Mansfield St. to Medford St.	New duct bank	New 9-5” duct with MHs	15-Feb-2021	30-Apr-2021”	

18. Technical Specifications – Section 02630:

ADD the following in Paragraph 4.01B. after “ITEM NO. 202-202 DRAIN MANHOLE WITH SUMP AND HOOD”:

“ITEM NO. 202-900 RISER CONNECTION TO BOX CULVERT”

19. Technical Specifications – Section 02630:

ADD the following in Paragraph 4.03 after “ITEM NO. 202-202 DRAIN MANHOLE WITH SUMP AND HOOD EACH”:

“ITEM NO. 202-900 RISER CONNECTION TO BOX CULVERT EACH”

20. Technical Specifications – Section 02640:

DELETE paragraph 1.10 C. in its entirety and **REPLACE** with the following:

“C. Liner shall be pre-wet before delivery to site wherever feasible. If on-site wet out is necessary, the Contractor shall submit a plan for the Engineer’s approval detailing the logistics of the wet-out operation including location and size of work area, scheduling of the wet-out operation, and information of the equipment and process proposed.”

21. **Technical Specifications – Attachment E**
ADD three new Water Service Tie Cards numbered 1457 through 1459 includes after Tie Card 1329 in the Somerville Avenue section. These new Water Service Tie Cards are included as Attachment 2 to this Addendum No. 2.
22. **Technical Specifications – Attachment L**
ADD new Attachment L – Eversource Plan for New Somerville Avenue Ductbank, included as Attachment 3 to this Addendum No. 2.
23. **Drawings – Sheet W-1**
REVISE the callout for the Segment 6 water main crossing of the existing MWRA 48” main to indicate the new line shall be installed above the 48” MWRA main, as indicated in SK-W-1-1, included as Attachment 4 to this Addendum No. 2.
24. **Drawings – Sheet W-2**
REVISE the callout for the Butterfly Valve in Segment 2 south of the tee with Segment 5 to indicate the “Prop. 16” Butterfly”, as indicated in SK-W-2-1, included as Attachment 5 to this Addendum No. 2.
25. **Drawings – Sheet W-5**
REVISE the callout for a tee in Segment 5, as indicated in SK-W-5-1, included as Attachment 6 to this Addendum No. 2.
26. **Drawings – Sheet W-22**
ADD the following note to the detail “Concrete Encasement of Crown of Brick CS at Water Main Crossing”:

“The 10’ dimensions either side of the new water main apply to locations where there is a perpendicular crossing of the brick CS. Where the new water main is parallel to the brick CS., the length of concrete encasement shall be as called out on the plan.”
27. **Drawings – Sheet U-1**
DELETE the Eversource proposed ductbank labeled EV-2 in its entirety.

Note: In the Eversource filing for its Grant of Location, Eversource did not include this ductbank run.
28. **Drawings – Sheet SD-4**
ADD Risers #31, #33, and #35 to the Profile, as indicated in SK-SD-4-1 and SK-SD-4-2, included as Attachment 7 to this Addendum No. 2.
29. **Drawings – Sheet SD-5**
REVISE the callout for CB#41 in the Profile, as indicated in SK-SD-5-1, included as Attachment 8 to this Addendum No. 2.

30. **Drawings – Sheet SD-67**
ADD information on CB#42 and RISER#35 to the table, as indicated in SK-SD-67-1, included as Attachment 9 to this Addendum No. 2.
31. **Drawings – Sheet SD-77**
In Section 40, **REVISE** the callout for the Segment 5 water main to 12”, as indicated in SK-SD-77-1, included as Attachment 10 to this Addendum No. 2.
32. **Drawings – Sheet L-100**
DELETE the callout “2” BIT. CONC. SURFACE COURSE (ITEM NO. 460-001)” and **REPLACE** with the following:

“2” BIT. CONC. SURFACE COURSE (ITEM NO. 460-002)”
33. **Addendum No. 1 – Item No. 1**
Ref. Notarized Statement of Bidder’s Qualifications

On page 19 of the Notarized Statement of Bidder’s Qualifications, in the Column Headings, **DELETE** “Dollar value of work to be done in YR 2013-2016” and **REPLACE** with the following:

“Dollar value of work to be done in YR 2018-2021”
34. **Addendum No. 1 – Item No. 9**
Ref. Technical Specifications Section 02640
DELETE paragraph H. as added in Addendum No. 1 and **REPLACE** with the following:

“H. Perform reconstruction of manhole risers and construction of new manholes as required to perform the CIPP work. Submit details for reconstruction of manhole risers. Identify all precast units, reinforced cast-in-place concrete and connection to existing structure.”
35. **Addendum No. 1 – Item No. 15**
Ref. Technical Specifications Section 02640
DELETE Addendum No. 1 – Item No. 15 in its entirety and **REPLACE** with the following:

ADD the following to the end of paragraph 3.02 C.2.:

“Based on dye testing (as specified above) and pre-installation videoing of the sewers, the City will make the determination as to which services connections (i.e., pipe penetrations) discovered are “active.”

City of Somerville
Somerville Avenue Utility and Streetscape Improvements Project
IFB# 18-24

Addendum No. 2

Attachment 1 - FORM FOR GENERAL BID, Unit Price Form-**Rev1**

**FORM FOR GENERAL BID
Unit Price Form**

REV. 1

**Somerville Avenue Utility and Streetscape Improvements
IFB 18-24**

Bidder must fill in Bid Schedule in Ink

Bidder shall fill in Computed Total
(Subject to verification)

Item No.	Description	Units	Approximate Quantity	Computed Total
100- 001	MOBILIZATION The sum of <hr/> <hr/> <div style="text-align: right;">Lump Sum</div> (\$ <hr/>) <div style="text-align: right;">Lump Sum</div>	Lump Sum	1	
102- 012	INDIVIDUAL TREE PRUNING The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	2	
102- 051	INDIVIDUAL TREE PROTECTION The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	40	
103- 001	INDIVIDUAL TREE REMOVAL – DIAMETER UNDER 24 INCHES The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	38	
105- 001	STUMP REMOVAL The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	6	

FORM FOR GENERAL BID

REV. 1

Unit Price Form

Somerville Avenue Utility and Streetscape Improvements

IFB 18-24

Bidder must fill in Bid Schedule in Ink

Bidder shall fill in Computed Total
(Subject to verification)

Item No.	Description	Units	Approximate Quantity	Computed Total
105- 002	INDIVIDUAL TREE AIR SPADING The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	15	
108- 501	STREET SWEEPING The sum of <hr/> <hr/> <div align="right">Lump Sum</div> (\$ <hr/>) <div align="right">Lump Sum</div>	Lump Sum	1	
119- 001	RODENT CONTROL The sum of <hr/> <hr/> <div align="right">Lump Sum</div> (\$ <hr/>) <div align="right">Lump Sum</div>	Lump Sum	1	
126- 200	EXCAVATION OF UNSUITABLE MATERIAL The sum of <hr/> <hr/> <div align="right">CUBIC YARD</div> (\$ <hr/>) <div align="right">CUBIC YARD</div>	CY	2,000	
129- 001	ROADWAY EXCAVATION BY COLD PLANE The sum of <hr/> <hr/> <div align="right">SQUARE YARD</div> (\$ <hr/>) <div align="right">SQUARE YARD</div>	SY	7,200	

FORM FOR GENERAL BID**REV. 1****Unit Price Form****Somerville Avenue Utility and Streetscape Improvements****IFB 18-24**

Bidder must fill in Bid Schedule in Ink

Bidder shall fill in Computed Total
(Subject to verification)

Item No.	Description	Units	Approximate Quantity	Computed Total
129- 200	ROADWAY PAVEMENT REMOVAL The sum of _____ _____ _____ (\$ _____) <div style="text-align: right;">SQUARE YARD</div> <div style="text-align: right;">SQUARE YARD</div>	SY	18,500	
129- 250	SIDEWALK REMOVAL The sum of _____ _____ _____ (\$ _____) <div style="text-align: right;">SQUARE YARD</div> <div style="text-align: right;">SQUARE YARD</div>	SY	4,700	
141- 001	TEST PITS The sum of _____ _____ _____ (\$ _____) <div style="text-align: right;">CUBIC YARD</div> <div style="text-align: right;">CUBIC YARD</div>	CY	600	
144- 001	CLASS B ROCK EXCAVATION The sum of _____ _____ _____ (\$ _____) <div style="text-align: right;">CUBIC YARD</div> <div style="text-align: right;">CUBIC YARD</div>	CY	600	
151- 001	GRAVEL BORROW The sum of _____ _____ _____ (\$ _____) <div style="text-align: right;">CUBIC YARD</div> <div style="text-align: right;">CUBIC YARD</div>	CY	6,300	

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Item No.	Description	Units	Approximate Quantity	Computed Total
152- 001	DENSE-GRADED CRUSHED STONE The sum of _____ _____ CUBIC YARD (\$ _____) CUBIC YARD	CY	2,300	
152- 700	PEA GRAVEL (3/8-INCH) The sum of _____ _____ CUBIC YARD (\$ _____) CUBIC YARD	CY	10	
153- 001	FLOWABLE FILL (CDF) The sum of _____ _____ CUBIC YARD (\$ _____) CUBIC YARD	CY	2,000	
156- 002	CRUSHED STONE (3/4-INCH) The sum of _____ _____ Ton (\$ _____) Ton	Ton	500	
156- 110	CHOKER COURSE (3/4-INCH) The sum of _____ _____ CUBIC YARD (\$ _____) CUBIC YARD	CY	680	

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Item No.	Description	Units	Approximate Quantity	Computed Total
156- 130	RESERVOIR COURSE (1-1/2-INCH) The sum of <hr/> <hr/> <div align="right">CUBIC YARD</div> (\$ <hr/>) <div align="right">CUBIC YARD</div>	CY	1,075	
161- 200	PRE- AND POST-CONSTRUCTION STRUCTURE CONDITION SURVEY The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	28	
161- 205	PRE- AND POST-CONSTRUCTION ELEVATED MCGRATH HIGHWAY CONDITION SURVEY The sum of <hr/> <hr/> <div align="right">Lump Sum</div> (\$ <hr/>) <div align="right">Lump Sum</div>	Lump Sum	1	
161- 210	GROUND MONITORING POINT The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	9	
161- 215	UTILITY MONITORING POINT The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	15	

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Item No.	Description	Units	Approximate Quantity	Computed Total
161- 220	STRUCTURE MONITORING POINT The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	25	
170- 001	FINE GRADING AND COMPACTION - SUBGRADE AREAS The sum of _____ _____ _____ SQUARE YARD (\$ _____) _____ SQUARE YARD	SY	20,200	
180- 701	SOIL INFILTRATION TESTING The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	17	
180- 702	PERMEABLE CONCRETE UNIT PAVERS INFILTRATION TESTING The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	8	
180- 703	POROUS HOT MIX ASPHALT INFILTRATION TESTING The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	12	

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Item No.	Description	Units	Approximate Quantity	Computed Total
181- 011	CONTAMINATED EXCAVATED MATERIAL REUSED AT AN UNLINED LANDFILL (GROUP I) The sum of _____ _____ Ton (\$ _____) Ton	Ton	120	
181- 012	CONTAMINATED EXCAVATED MATERIAL REUSED AT A LINED LANDFILL (GROUP I OR II) The sum of _____ _____ Ton (\$ _____) Ton	Ton	120	
181- 013	CONTAMINATED EXCAVATED MATERIAL DISPOSED AS A SPECIAL WASTE AT A LINED LANDFILL (GROUP II) The sum of _____ _____ Ton (\$ _____)	Ton	120	
181- 014	CONTAMINATED EXCAVATED MATERIAL DISPOSED AS A SPECIAL WASTE OR NON RCRA HAZARDOUS WASTE OUT-OF-STATE (GROUP II OR III) The sum of _____ _____ Ton (\$ _____)	Ton	120	
181- 015	CONTAMINATED EXCAVATED MATERIAL TREATMENT AND DISPOSAL OF RCRA HAZARDOUS WASTE OUT-OF-STATE (GROUP II OR III) The sum of _____ _____ Ton (\$ _____)	Ton	60	

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Item No.	Description	Units	Approximate Quantity	Computed Total
181- 016	<p>CONTAMINATED EXCAVATED MATERIAL IN STATE DISPOSAL OF SOLID WASTE (GROUP IV)</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Ton</p> <p>(\$ _____)</p> <p align="right">Ton</p>	Ton	60	
181- 017	<p>CONTAMINATED EXCAVATED MATERIAL IN STATE TREATMENT (RECYCLING) (GROUP IV) TON</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Ton</p> <p>(\$ _____)</p>	Ton	120	
181- 018	<p>DISPOSAL OF CONTAMINATED GROUNDWATER</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Gal.</p> <p>(\$ _____)</p> <p align="right">Gal.</p>	Gal.	3,000	
181- 019	<p>TREATMENT OF CONTAMINATED GROUNDWATER</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Day</p> <p>(\$ _____)</p> <p align="right">Day</p>	Day	100	
192- 300	<p>CLEANOUT</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	56	

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Item No.	Description	Units	Approximate Quantity	Computed Total
192- 400	OBSERVATION WELL The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	3	
192- 500	SOIL CELL INSPECTION RISER The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	22	
192- 600	PVC DRAIN BASIN The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	17	
200- 005	FRAMES AND GRATES OR COVERS The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	160	
201- 021	CATCH BASIN WITH DEEP SUMP AND HOOD The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	9	

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Item No.	Description	Units	Approximate Quantity	Computed Total
201- 313	CATCH BASIN WITH OFFSET SUMP AND HOOD - TYPE 13 The sum of _____ _____ Each (\$ _____) Each	Each	7	
201- 314	CATCH BASIN WITH OFFSET SUMP AND HOOD - TYPE 14 The sum of _____ _____ Each (\$ _____) Each	Each	7	
201- 315	CATCH BASIN WITH OFFSET SUMP AND HOOD - TYPE 15 The sum of _____ _____ Each (\$ _____) Each	Each	5	
201- 360	CATCH BASIN - TYPE "SB" The sum of _____ _____ Each (\$ _____) Each	Each	13	
201- 370	CATCH BASIN - TYPE "GIB" The sum of _____ _____ Each (\$ _____) Each	Each	3	

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Item No.	Description	Units	Approximate Quantity	Computed Total
202- 004	DRAIN MANHOLE – 4 FT. DIAMETER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	3	
202- 005	DRAIN MANHOLE – 5 FT. DIAMETER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	2	
202- 202	DRAIN MANHOLE WITH SUMP AND HOOD The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	15	
202- 900	RISER CONNECTION TO BOX CULVERT The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	22	
203- 400	GRIT CHAMBERS The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	4	

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Item No.	Description	Units	Approximate Quantity	Computed Total
203- 410	JUNCTION CHAMBER 1 The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	1	
203- 420	JUNCTION CHAMBER 2 The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	1	
203- 509	UPSTREAM CONNECTION TO EXISTING BRICK & RCP STORM DRAINS The sum of <hr/> <hr/> <div style="text-align: right;">Lump Sum</div> (\$ <hr/>) <div style="text-align: right;">Lump Sum</div>	Lump Sum	1	
203- 521	DRAIN DOWN CHAMBER #1 The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	1	
203- 522	DRAIN DOWN CHAMBER #2 The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	1	

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Item No.	Description	Units	Approximate Quantity	Computed Total
203- 599	<p>DOWNSTREAM CONNECTION TO EXISTING BRICK COMBINED SEWER CHAMBER</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Lump Sum</p> <p>(\$ _____)</p> <p align="right">Lump Sum</p>	Lump Sum	1	
210- 004	<p>SANITARY SEWER MANHOLE – 4-FT. DIAMETER</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	3	
210- 005	<p>SANITARY SEWER MANHOLE – 5-FT. DIAMETER</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	4	
210- 006	<p>SANITARY SEWER MANHOLE – 6-FT. DIAMETER</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	3	
210- 007	<p>SANITARY SEWER MANHOLE – 7-FT. DIAMETER</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	1	

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Item No.	Description	Units	Approximate Quantity	Computed Total
210- 010	SANITARY SEWER MANHOLE – 10-FT. DIAMETER The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	1	
220- 001	DRAINAGE & SANITARY STRUCTURES - ADJUSTED The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	40	
220- 201	DRAINAGE STRUCTURE REBUILT The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	2	
220- 908	DRAINAGE STRUCTURES ABANDONED The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	15	
220- 909	DRAINAGE STRUCTURES REMOVED The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	25	

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Item No.	Description	Units	Approximate Quantity	Computed Total
223- 001	<p>FRAME AND GRATE OR COVER REMOVE AND STACK</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	40	
227- 113	<p>FLAP GATE: 1 FT. X 3 FT.</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	2	
227- 213	<p>SLUICE GATE: 1 FT. X 3 FT.</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	1	
227- 321	<p>CATCH BASIN CLEANING</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	40	
227- 424	<p>MASONRY PLUG IN EXISTING PIPE (24 IN. AND SMALLER)</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	30	

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Item No.	Description	Units	Approximate Quantity	Computed Total
227- 436	<p>CONCRETE BULKHEAD IN EXISTING PIPE (24 IN. TO 36 IN.)</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	10	
227- 500	<p>ANTI-SEEP COLLAR</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	35	
248- 103	<p>1-FT. (RISE) X 3-FT. (SPAN) REINFORCED CONCRETE BOX CULVERT</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="right">LINEAR FOOT</p>	LF	10	
248- 414	<p>4-FT. (RISE) X 14-FT. (SPAN) REINFORCED CONCRETE BOX CULVERT</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="right">LINEAR FOOT</p>	LF	130	
248- 614	<p>6-FT. (RISE) X 14-FT. (SPAN) REINFORCED CONCRETE BOX CULVERT</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="right">LINEAR FOOT</p>	LF	2,200	

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Item No.	Description	Units	Approximate Quantity	Computed Total
250- 003	3-INCH PVC SEWER PIPE The sum of LINEAR FOOT (\$ _____) LINEAR FOOT	LF	100	
250- 004	4-INCH PVC SEWER PIPE The sum of LINEAR FOOT (\$ _____) LINEAR FOOT	LF	100	
250- 006	6-INCH PVC SEWER PIPE The sum of LINEAR FOOT (\$ _____) LINEAR FOOT	LF	100	
250- 008	8-INCH PVC SEWER PIPE The sum of LINEAR FOOT (\$ _____) LINEAR FOOT	LF	50	
250- 010	10-INCH PVC SEWER PIPE The sum of LINEAR FOOT (\$ _____) LINEAR FOOT	LF	50	

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Item No.	Description	Units	Approximate Quantity	Computed Total
250- 012	12-INCH PVC SEWER PIPE The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	100	
250- 024	24-INCH PVC SEWER PIPE The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	250	
250- 030	30-INCH PVC SEWER PIPE The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	50	
250- 042	42-INCH PVC SEWER PIPE The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	30	
250- 048	48-INCH PVC SEWER PIPE The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	350	

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Item No.	Description	Units	Approximate Quantity	Computed Total
252- 906	6-INCH HIGH DENSITY POLYETHYLENE (HDPE) PIPE FOR STORM DRAIN The sum of LINEAR FOOT (\$ _____) LINEAR FOOT	LF	325	
252- 912	12-INCH HIGH DENSITY POLYETHYLENE (HDPE) PIPE FOR STORM DRAIN The sum of LINEAR FOOT (\$ _____) LINEAR FOOT	LF	1,200	
252- 918	18-INCH HIGH DENSITY POLYETHYLENE (HDPE) PIPE FOR STORM DRAIN The sum of LINEAR FOOT (\$ _____) LINEAR FOOT	LF	140	
252- 924	24-INCH HIGH DENSITY POLYETHYLENE (HDPE) PIPE FOR STORM DRAIN The sum of LINEAR FOOT (\$ _____) LINEAR FOOT	LF	50	
254- 024	24-INCH POLYPROPYLENE SEWER PIPE The sum of LINEAR FOOT (\$ _____) LINEAR FOOT	LF	50	

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Item No.	Description	Units	Approximate Quantity	Computed Total
258- 001	<p>STONE DISSIPATER FOR BIORETENTION BASINS</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="center">CUBIC YARD</p> <p>(\$ _____)</p> <p align="center">CUBIC YARD</p>	CY	15	
269- 906	<p>6-INCH PERFORATED HIGH DENSITY POLYETHYLENE (HDPE) PIPE FOR STORM DRAIN</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="center">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="center">LINEAR FOOT</p>	LF	2,210	
275- 100	<p>CURED-IN-PLACE LINING OF EXISTING PIPES</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="center">Lump Sum</p> <p>(\$ _____)</p> <p align="center">Lump Sum</p>	Lump Sum	1	
303- 004	<p>4-INCH DUCTILE IRON WATER PIPE</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="center">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="center">LINEAR FOOT</p>	LF	220	
303- 006	<p>6-INCH DUCTILE IRON WATER PIPE</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="center">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="center">LINEAR FOOT</p>	LF	132	

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Item No.	Description	Units	Approximate Quantity	Computed Total
303- 008	8-INCH DUCTILE IRON WATER PIPE The sum of _____ _____ LINEAR FOOT (\$ _____) LINEAR FOOT	LF	390	
303- 012	12-INCH DUCTILE IRON WATER PIPE The sum of _____ _____ LINEAR FOOT (\$ _____) LINEAR FOOT	LF	5,100	
303- 016	16-INCH DUCTILE IRON WATER PIPE The sum of _____ _____ LINEAR FOOT (\$ _____) LINEAR FOOT	LF	220	
309- 001	DUCTILE IRON FITTINGS FOR WATER PIPE The sum of _____ _____ LB (\$ _____) LB	LB	30,000	
345- 990	TEMPORARY WATER SERVICE The sum of _____ _____ Lump Sum (\$ _____) Lump Sum	Lump Sum	1	

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Item No.	Description	Units	Approximate Quantity	Computed Total
347- 075	3/4-INCH COPPER TUBING TYPE K The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	400	
347- 100	1-INCH COPPER TUBING TYPE K The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	600	
347- 150	1-1/2-INCH COPPER TUBING TYPE K The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	250	
347- 200	2-INCH COPPER TUBING TYPE K The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	250	
350- 004	4 INCH GATE AND GATE BOX The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	10	

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350- 006	6 INCH GATE AND GATE BOX The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	15	
350- 008	8 INCH GATE AND GATE BOX The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	14	
350- 012	12 INCH GATE AND GATE BOX The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	28	
350- 016	16 INCH GATE AND GATE BOX The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	1	
356- 116	16 INCH BUTTERFLY VALVE AND BOX The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	1	

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Item No.	Description	Units	Approximate Quantity	Computed Total
358- 002	GATE BOX AND SERVICE BOX ADJUSTED The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	10	
373- 006	6 INCH WATER PIPE INSULATION The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	80	
373- 012	12 INCH WATER PIPE INSULATION The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	100	
373- 016	16 INCH WATER PIPE INSULATION The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	50	
376- 001	HYDRANT The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	10	

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Item No.	Description	Units	Approximate Quantity	Computed Total
376- 003	HYDRANT - REMOVED AND STACKED The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	7	
379- 400	AIR RELEASE VALVE AND VAULT The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	2	
381- 010	SERVICE BOX - MUNICIPAL STANDARD The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	70	
384- 001	CURB STOP The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	70	
390- 001	IRRIGATION SYSTEM The sum of <hr/> <hr/> <div align="right">Lump Sum</div> (\$ <hr/>) <div align="right">Lump Sum</div>	Lump Sum	1	

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Item No.	Description	Units	Approximate Quantity	Computed Total
399- 999	WATER SYSTEM ABANDONMENT The sum of <hr/> <hr/> <div style="text-align: right;">Lump Sum</div> (\$ <hr/>) <div style="text-align: right;">Lump Sum</div>	Lump Sum	1	
440- 001	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL The sum of <hr/> <hr/> <div style="text-align: right;">LB</div> (\$ <hr/>) <div style="text-align: right;">LB</div>	LB	60,000	
443- 001	WATER FOR ROADWAY DUST CONTROL The sum of <hr/> <hr/> <div style="text-align: right;">M. Gal.</div> (\$ <hr/>) <div style="text-align: right;">M. Gal.</div>	M. Gal.	600	
460- 001	HOT MIX ASPHALT PAVEMENT (ALL COURSES) The sum of <hr/> <hr/> <div style="text-align: right;">Ton</div> (\$ <hr/>) <div style="text-align: right;">Ton</div>	Ton	4,600	
460- 002	HOT MIX ASPHALT FOR PATCHING The sum of <hr/> <hr/> <div style="text-align: right;">Ton</div> (\$ <hr/>) <div style="text-align: right;">Ton</div>	Ton	2,200	

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Item No.	Description	Units	Approximate Quantity	Computed Total
460- 003	<p>LIQUID ASPHALT PRICE ADJUSTMENT</p> <p>The sum of</p> <p><u>Fifty thousand dollars and no cents</u></p> <p>_____</p> <p align="right">Allowance</p> <p>(\$ <u>50,000.00</u> _____)</p> <p align="right">Allowance</p>	Allowance	1	\$ 50,000.00
464- 001	<p>BITUMEN FOR TACK COAT</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Gallon</p> <p>(\$ _____)</p> <p align="right">Gallon</p>	Gallon	2,000	
472- 100	<p>POROUS HOT MIX ASPHALT</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Ton</p> <p>(\$ _____)</p> <p align="right">Ton</p>	Ton	460	
504- 016	<p>GRANITE CURB – 6-IN. X 16-IN.</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="right">LINEAR FOOT</p>	LF	240	
504- 018	<p>GRANITE CURB – 6-IN. X 18-IN.</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="right">LINEAR FOOT</p>	LF	6,400	

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Item No.	Description	Units	Approximate Quantity	Computed Total
504- 024	GRANITE CURB – 6 IN. X 24 IN. The sum of _____ _____ LINEAR FOOT (\$ _____) LINEAR FOOT	LF	150	
504- 028	GRANITE CURB – 6 IN. X 28 IN. The sum of _____ _____ LINEAR FOOT (\$ _____) LINEAR FOOT	LF	120	
507- 016	BEVELED GRANITE CURB – 6-IN. X 16-IN. The sum of _____ _____ LINEAR FOOT (\$ _____) LINEAR FOOT	LF	380	
507- 018	BEVELED GRANITE CURB – 6-IN. X 18-IN. The sum of _____ _____ LINEAR FOOT (\$ _____) LINEAR FOOT	LF	350	
507- 028	BEVELED GRANITE CURB – 6-IN. X 28-IN. The sum of _____ _____ LINEAR FOOT (\$ _____) LINEAR FOOT	LF	120	

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Item No.	Description	Units	Approximate Quantity	Computed Total
516- 001	GRANITE CURB CORNER - 1-FT. RADIUS The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	12	
516- 003	GRANITE CURB CORNER - 3-FT. RADIUS The sum of _____ _____ _____ Each (\$ _____) _____ Each	Each	50	
520- 036	PRECAST BATTERED CONCRETE CURB The sum of _____ _____ _____ LINEAR FOOT (\$ _____) _____ LINEAR FOOT	LF	250	
580- 001	GRANITE CURB - REMOVE & RESET The sum of _____ _____ _____ LINEAR FOOT (\$ _____) _____ LINEAR FOOT	LF	500	
594- 001	CURB - REMOVE & DISCARD The sum of _____ _____ _____ LINEAR FOOT (\$ _____) _____ LINEAR FOOT	LF	4,000	

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Item No.	Description	Units	Approximate Quantity	Computed Total
655- 200	42 IN. HT. RAILING The sum of _____ _____ _____ LINEAR FOOT (\$ _____) LINEAR FOOT	LF	230	
697- 100	SILT SACK FOR CATCH BASIN The sum of _____ _____ _____ Each (\$ _____) Each	Each	150	
698- 306	NON-WOVEN GEOTEXTILE FABRIC – 6 OZ The sum of _____ _____ _____ SQUARE YARD (\$ _____) SQUARE YARD	SY	4,200	
698- 308	NON-WOVEN GEOTEXTILE FABRIC – 8 OZ. The sum of _____ _____ _____ SQUARE YARD (\$ _____) SQUARE YARD	SY	1,900	
698- 500	IMPERMEABLE LINER The sum of _____ _____ _____ SQUARE FOOT (\$ _____) SQUARE FOOT	SF	5,785	

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Item No.	Description	Units	Approximate Quantity	Computed Total
698- 600	SOIL CELLS – 1X The sum of _____ _____ Each (\$ _____) Each	Each	140	
698- 601	SOIL CELLS – 2X The sum of _____ _____ Each (\$ _____) Each	Each	700	
701- 001	CEMENT CONCRETE SIDEWALKS & DRIVEWAYS (ALL THICKNESSES) The sum of _____ _____ SQUARE YARD (\$ _____) SQUARE YARD	SY	5,100	
701- 020	CEMENT CONCRETE WHEELCHAIR RAMPS The sum of _____ _____ Each (\$ _____) Each	Each	32	
701- 111	SURFACE-MOUNTED, DETECTABLE WARNING PANELS The sum of _____ _____ SQUARE FOOT (\$ _____) SQUARE FOOT	SF	1,600	

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Item No.	Description	Units	Approximate Quantity	Computed Total
701- 300	CONCRETE SPLASH PAD FOR BIORETENTION BASINS The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	8	
702- 001	HOT MIX ASPHALT WALKWAY The sum of <hr/> <hr/> <div style="text-align: right;">SQUARE YARD</div> (\$ <hr/>) <div style="text-align: right;">SQUARE YARD</div>	SY	500	
706- 100	RESET CONCRETE UNIT PAVER The sum of <hr/> <hr/> <div style="text-align: right;">SQUARE FOOT</div> (\$ <hr/>) <div style="text-align: right;">SQUARE FOOT</div>	SF	2,000	
706- 910	PERMEABLE CONCRETE UNIT PAVERS The sum of <hr/> <hr/> <div style="text-align: right;">SQUARE FOOT</div> (\$ <hr/>) <div style="text-align: right;">SQUARE FOOT</div>	SF	10,400	
706- 911	EDGE RESTRAINT The sum of <hr/> <hr/> <div style="text-align: right;">LINEAR FOOT</div> (\$ <hr/>) <div style="text-align: right;">LINEAR FOOT</div>	LF	2,800	

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Item No.	Description	Units	Approximate Quantity	Computed Total
707- 101	REMOVE AND STACK GRANITE BOLLARD The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	15	
707- 102	REMOVE AND STACK STREET FURNITURE The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	20	
707- 103	REMOVE AND STACK BUS SHELTER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	2	
707- 110	BENCH The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	17	
707- 201	TRASH RECEPTACLE The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	7	

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Item No.	Description	Units	Approximate Quantity	Computed Total
707- 202	RECYCLING RECEPTACLE The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	7	
707- 203	TRASH AND RECYCLING STATION The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	2	
707- 500	18" HT. TREE PIT/PLANTER GUARD The sum of <hr/> <hr/> <div style="text-align: right;">LINEAR FOOT</div> (\$ <hr/>) <div style="text-align: right;">LINEAR FOOT</div>	LF	1,700	
707- 805	GRANITE BOLLARD The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	30	
707- 811	RESET GRANITE BOLLARD The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	15	

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Item No.	Description	Units	Approximate Quantity	Computed Total
707- 900	BICYCLE RACK The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	25	
740- 001	ENGINEER'S FIELD OFFICE AND RELATED EQUIPMENT FOR ENGINEER The sum of <hr/> <hr/> <div align="right">Month</div> (\$ <hr/>) <div align="right">Month</div>	Month	42	
745- 001	RESET BUS SHELTER The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	1	
748- 110	EMERGENCY RESPONSE PLAN The sum of <hr/> <hr/> <div align="right">Lump sum</div> (\$ <hr/>) <div align="right">Lump sum</div>	Lump sum	1	
748- 120	DEPLOY EMERGENCY RESPONSE PLAN The sum of <u>One hundred fifty thousand dollars</u> <u>and no cents</u> <div align="right">Allowance</div> (\$ <u>150,000.00</u>) <div align="right">Allowance</div>	Allowance	1	\$ 150,000.00

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Item No.	Description	Units	Approximate Quantity	Computed Total
749- 500	AS-BUILT SURVEY AND FINAL RECORD DRAWINGS The sum of <hr/> <hr/> <div style="text-align: right;">Lump Sum</div> (\$ <hr/>) <div style="text-align: right;">Lump Sum</div>	Lump Sum	1	
751- 001	PLANTING SOIL The sum of <hr/> <hr/> <div style="text-align: right;">CUBIC YARD</div> (\$ <hr/>) <div style="text-align: right;">CUBIC YARD</div>	CY	1,400	
751- 002	BIORETENTION BASIN SOIL The sum of <hr/> <hr/> <div style="text-align: right;">CUBIC YARD</div> (\$ <hr/>) <div style="text-align: right;">CUBIC YARD</div>	CY	400	
775- 028	ELM-AMERICAN 'PRINCETON' 3 INCH CALIPER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	9	
775- 030	HACKBERRY 3 INCH CALIPER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	10	

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Item No.	Description	Units	Approximate Quantity	Computed Total
775- 143	LINDEN-AMERICAN 3 INCH CALIPER The sum of _____ _____ Each (\$ _____) Each	Each	5	
775- 442	LOCUST-HONEY-THORNLESS-'SKYLINE' 3 INCH CALIPER The sum of _____ _____ Each (\$ _____) Each	Each	2	
777- 042	OAK-NORTHERN RED 3 INCH CALIPER The sum of _____ _____ Each (\$ _____) Each	Each	3	
777- 265	OAK-SWAMP WHITE 3 INCH CALIPER The sum of _____ _____ Each (\$ _____) Each	Each	4	
777- 443	PLANETREE-LONDON-'BLOODGOOD' 3 INCH CALIPER The sum of _____ _____ Each (\$ _____) Each	Each	11	

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Item No.	Description	Units	Approximate Quantity	Computed Total
778- 170	<p>BIRCH-RIVER 'DURAHEAT' 3 INCH CALIPER</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	7	
786- 082	<p>JUNIPER-'BAR HARBOR' 18 INCH</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	63	
794- 322	<p>SUMAC-FRAGRANT-'GRO-LOW' 18 INCH</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	100	
796- 417	<p>BROOMSEDGE 1 QUART</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	289	
796- 420	<p>SOFT RUSH 1 QUART</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	151	

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Item No.	Description	Units	Approximate Quantity	Computed Total
796- 446	LITTLE BLUESTEM 1 QUART The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	291	
796- 452	PURPLE LOVE GRASS 1 QUART The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	2,522	
796- 457	SWITCHGRASS 'SHENANDOAH' #2 CONTAINER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	74	
796- 710	BEARDTONGUE #2 CONTAINER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	56	
796- 712	BOWMAN'S ROOT #2 CONTAINER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	17	

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Item No.	Description	Units	Approximate Quantity	Computed Total
796- 714	WILD BERGAMOT #2 CONTAINER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	34	
796- 717	BLACK-EYED SUSAN #2 CONTAINER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	157	
796- 721	BUTTERFLY MILKWEED #2 CONTAINER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	80	
796- 783	GOLDEN ALEXANDERS #2 CONTAINER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	64	
796- 785	IRIS-BLUE FLAG #2 CONTAINER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	110	

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Item No.	Description	Units	Approximate Quantity	Computed Total
796- 786	IRONWEED "IRON BUTTERFLY" #2 CONTAINER The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	26	
796- 803	NEW ENGLAND ASTER #2 CONTAINER The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	162	
796- 805	ASTER-HEATH-'SNOW FLURRY' #2 CONTAINER The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	939	
796- 850	SUNDROPS #2 CONTAINER The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	91	
798- 001	WATERING TREE PLANTING DURING THE 2-YEAR GUARANTEE PERIOD The sum of <hr/> <hr/> <div align="right">Each</div> (\$ <hr/>) <div align="right">Each</div>	Each	51	

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Item No.	Description	Units	Approximate Quantity	Computed Total
798- 002	WATERING LANDSCAPING PLANTING DURING THE 2-YEAR GUARANTEE PERIOD The sum of <hr/> <hr/> <div align="right">Lump Sum</div> (\$ <hr/>) <div align="right">Lump Sum</div>	Lump Sum	1	
800- 005	DUCTBANK REMOVED AND DISCARDED The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	1,500	
800- 104	4 INCH NON METALLIC CONDUIT - REMOVE AND RELAY The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	1,200	
801- 201	2 INCH NON-METALLIC CONDUIT The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	720	
801- 301	3 INCH NON-METALLIC CONDUIT The sum of <hr/> <hr/> <div align="right">LINEAR FOOT</div> (\$ <hr/>) <div align="right">LINEAR FOOT</div>	LF	3,600	

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Item No.	Description	Units	Approximate Quantity	Computed Total
801- 302	<p>3 INCH NON-METALLIC CONDUIT ENCASED IN CONCRETE UNDER ROADWAYS</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="center">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="center">LINEAR FOOT</p>	LF	600	
801- 410	<p>4 INCH NON METALLIC CONDUIT</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="center">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="center">LINEAR FOOT</p>	LF	500	
806- 301	<p>3 INCH METALLIC (GALVANIZED STEEL) CONDUIT</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="center">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="center">LINEAR FOOT</p>	LF	400	
810- 020	<p>2-WAY DUCTBANK ENCASED IN CONCRETE</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="center">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="center">LINEAR FOOT</p>	LF	400	
810- 080	<p>8-WAY DUCTBANK ENCASED IN CONCRETE</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="center">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="center">LINEAR FOOT</p>	LF	2,500	

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(Subject to verification)

Item No.	Description	Units	Approximate Quantity	Computed Total
811- 270	COMMUNICATIONS MANHOLE The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	8	
811- 271	PRECAST ELECTRIC HANDHOLE - FOR ROADWAY LIGHTING (18" X 24") The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	60	
811- 320	PULL BOX 12 X 24 INCHES (TRAFFIC CONTROL) The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	40	
811- 330	COMMUNICATIONS HANDHOLE (36" X 36") The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	8	
812- 091	LIGHT POLE FOUNDATION PRECAST – STANDARD DEPTH The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	50	

FORM FOR GENERAL BID

REV. 1

Unit Price Form

Somerville Avenue Utility and Streetscape Improvements

IFB 18-24

Bidder must fill in Bid Schedule in Ink

Bidder shall fill in Computed Total
(Subject to verification)

Item No.	Description	Units	Approximate Quantity	Computed Total
812- 092	<p>LIGHT POLE FOUNDATION PRECAST – SHALLOW DEPTH</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	15	
813- 301	<p>CONDUCTORS #10 AWG FOR STREET LIGHTING</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="right">LINEAR FOOT</p>	LF	7,200	
813- 311	<p>CONDUCTORS #8 AWG FOR STREET LIGHTING</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="right">LINEAR FOOT</p>	LF	18,500	
813- 321	<p>CONDUCTORS #6 AWG FOR STREET LIGHTING</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="right">LINEAR FOOT</p>	LF	10,300	
813- 734	<p>GROUND WIRE #8 AWG BARE COPPER FOR STREET LIGHTING</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">LINEAR FOOT</p> <p>(\$ _____)</p> <p align="right">LINEAR FOOT</p>	LF	5,300	

FORM FOR GENERAL BID

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Item No.	Description	Units	Approximate Quantity	Computed Total
813- 735	GROUND WIRE #6 AWG BARE COPPER FOR STREET LIGHTING The sum of LINEAR FOOT (\$ _____) LINEAR FOOT	LF	5,200	
815- 098	FOOTING COST ADJUSTMENT The sum of VLF (\$ _____) VLF	VLF	50	
816- 702	TRAFFIC CONTROL SIGNAL MODIFICATIONS– WASHINGTON STREET, WEBSTER AVENUE, SOMERVILLE AVENUE & BOW STREET The sum of Lump Sum (\$ _____)	Lump Sum	1	
816- 704	TRAFFIC CONTROL SIGNAL MODIFICATIONS – PROSPECT STREET & SOMERVILLE AVENUE The sum of Lump Sum (\$ _____) Lump Sum	Lump Sum	1	
816- 705	TRAFFIC CONTROL SIGNAL RELOCATION – LINDEN STREET & SOMERVILLE AVENUE The sum of Lump Sum (\$ _____) Lump Sum	Lump Sum	1	

FORM FOR GENERAL BID

Unit Price Form

Somerville Avenue Utility and Streetscape Improvements

IFB 18-24

REV. 1

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Item No.	Description	Units	Approximate Quantity	Computed Total
816- 706	<p>TRAFFIC CONTROL SIGNAL RESTORATION – SOMERVILLE AVENUE & MEDFORD STREET</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Lump Sum</p> <p>(\$ _____)</p> <p align="right">Lump Sum</p>	Lump Sum	1	
820- 101	<p>ROADWAY LIGHTPOLE WITH ONE LUMINAIRE</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	30	
820- 102	<p>ROADWAY LIGHTPOLE WITH TWO LUMINAIRES</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	1	
820- 202	<p>PEDESTRIAN LIGHTPOLE WITH TWO LUMINAIRES</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	30	
820- 919	<p>STREET LIGHTING SYSTEM DEMOLITION</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Lump Sum</p> <p>(\$ _____)</p> <p align="right">Lump Sum</p>	Lump Sum	1	

FORM FOR GENERAL BID

REV. 1

Unit Price Form

Somerville Avenue Utility and Streetscape Improvements

IFB 18-24

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Item No.	Description	Units	Approximate Quantity	Computed Total
823- 650	LIGHTING CONTROL CABINET & FOUNDATION The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	2	
828- 001	PERMANENT TRAFFIC SIGNAGE The sum of <hr/> <hr/> <div style="text-align: right;">SQUARE FOOT</div> (\$ <hr/>) <div style="text-align: right;">SQUARE FOOT</div>	SF	800	
830- 215	PROJECT SIGN The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	4	
834- 019	FLEXIBLE DELINEATOR POSTS The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	160	
850- 001	TRAFFIC MANAGEMENT DURING CONSTRUCTION The sum of <hr/> <hr/> <div style="text-align: right;">Lump Sum</div> (\$ <hr/>) <div style="text-align: right;">Lump Sum</div>	Lump Sum	1	

FORM FOR GENERAL BID

REV. 1

Unit Price Form

Somerville Avenue Utility and Streetscape Improvements

IFB 18-24

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Item No.	Description	Units	Approximate Quantity	Computed Total
850- 002	TRAFFIC CONTROL SERVICES The sum of <u>5 million dollars and no cents</u> <div style="text-align: right;">Allowance</div> (\$ <u>5,000,000.00</u>) <div style="text-align: right;">Allowance</div>	Allowance	1	\$ 5,000,000.00
852- 100	TEMPORARY CONSTRUCTION SIGNS The sum of <div style="text-align: right;">SQUARE FOOT</div> (\$ _____) <div style="text-align: right;">SQUARE FOOT</div>	SF	6,600	
852- 900	TEMPORARY CONSTRUCTION SIGNS WITH FLASHING LED EDGE LIGHTING The sum of <div style="text-align: right;">Each</div> (\$ _____) <div style="text-align: right;">Each</div>	Each	20	
854- 026	TEMPORARY PAVEMENT MARKINGS – 4-INCH PAINT The sum of <div style="text-align: right;">LINEAR FOOT</div> (\$ _____) <div style="text-align: right;">LINEAR FOOT</div>	LF	70,000	
854- 032	TEMPORARY PAVEMENT MARKINGS – 12-INCH PAINT The sum of <div style="text-align: right;">LINEAR FOOT</div> (\$ _____) <div style="text-align: right;">LINEAR FOOT</div>	LF	24,000	

FORM FOR GENERAL BID

REV. 1

Unit Price Form

Somerville Avenue Utility and Streetscape Improvements

IFB 18-24

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Item No.	Description	Units	Approximate Quantity	Computed Total
854- 060	TEMPORARY ARROWS AND LEGENDS The sum of <hr/> <hr/> <div style="text-align: right;">SQUARE FOOT</div> (\$ <hr/>) <div style="text-align: right;">SQUARE FOOT</div>	SF	400	
854- 090	TEMPORARY GREEN BIKE LANE PAINT The sum of <hr/> <hr/> <div style="text-align: right;">SQUARE FOOT</div> (\$ <hr/>) <div style="text-align: right;">SQUARE FOOT</div>	SF	22,500	
854- 120	PAVEMENT MARKING REMOVAL The sum of <hr/> <hr/> <div style="text-align: right;">LINEAR FOOT</div> (\$ <hr/>) <div style="text-align: right;">LINEAR FOOT</div>	LF	20,000	
856- 001	ARROW BOARD The sum of <hr/> <hr/> <div style="text-align: right;">Day</div> (\$ <hr/>) <div style="text-align: right;">Day</div>	Day	4,200	
856- 012	PORTABLE CHANGEABLE MESSAGE SIGN The sum of <hr/> <hr/> <div style="text-align: right;">Day</div> (\$ <hr/>) <div style="text-align: right;">Day</div>	Day	4,600	

FORM FOR GENERAL BID

REV. 1

Unit Price Form

Somerville Avenue Utility and Streetscape Improvements

IFB 18-24

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Item No.	Description	Units	Approximate Quantity	Computed Total
856- 013	PORTABLE CHANGEABLE MESSAGE SIGN (60 IN. x 30 IN.) The sum of <hr/> <hr/> <div style="text-align: right;">Day</div> (\$ <hr/>) <div style="text-align: right;">Day</div>	Day	2,000	
856- 014	PORTABLE CHANGEABLE MESSAGE SIGN (60 IN. x 30 IN.) – TRANSFER TO OWNER The sum of <hr/> <hr/> <div style="text-align: right;">Each</div> (\$ <hr/>) <div style="text-align: right;">Each</div>	Each	8	
860- 001	4-INCH WHITE PAVEMENT MARKINGS The sum of <hr/> <hr/> <div style="text-align: right;">LINEAR FOOT</div> (\$ <hr/>) <div style="text-align: right;">LINEAR FOOT</div>	LF	13,250	
860- 002	4-INCH YELLOW PAVEMENT MARKINGS The sum of <hr/> <hr/> <div style="text-align: right;">LINEAR FOOT</div> (\$ <hr/>) <div style="text-align: right;">LINEAR FOOT</div>	LF	5,500	
860- 004	12-INCH WHITE STOP LINES The sum of <hr/> <hr/> <div style="text-align: right;">SQUARE FOOT</div> (\$ <hr/>) <div style="text-align: right;">SQUARE FOOT</div>	SF	375	

FORM FOR GENERAL BID

REV. 1

Unit Price Form

Somerville Avenue Utility and Streetscape Improvements

IFB 18-24

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Item No.	Description	Units	Approximate Quantity	Computed Total
860- 005	<p>CROSSWALK STRIPING</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">SQUARE FOOT</p> <p>(\$ _____)</p> <p align="right">SQUARE FOOT</p>	SF	5,100	
860- 006	<p>PAVEMENT ARROWS AND LEGENDS</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">SQUARE FOOT</p> <p>(\$ _____)</p> <p align="right">SQUARE FOOT</p>	SF	4,250	
860- 900	<p>GREEN BIKE LANE PAINT</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">SQUARE FOOT</p> <p>(\$ _____)</p> <p align="right">SQUARE FOOT</p>	SF	11,000	
860- 920	<p>FRICTION SURFACE - DESERT KHAKI</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">SQUARE FOOT</p> <p>(\$ _____)</p> <p align="right">SQUARE FOOT</p>	SF	2,500	
874- 001	<p>STREET NAME SIGN</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	30	

FORM FOR GENERAL BID

Unit Price Form

Somerville Avenue Utility and Streetscape Improvements

IFB 18-24

REV. 1

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Item No.	Description	Units	Approximate Quantity	Computed Total
874- 200	<p>TRAFFIC SIGN REMOVED AND RESET</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	40	
874- 300	<p>TRAFFIC SIGN REMOVED AND DISCARDED</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	30	
875- 001	<p>PARKING METER INSTALL (FURNISHED BY THE CITY)</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	25	
875- 002	<p>PARKING METER REMOVED AND STACKED</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">Each</p> <p>(\$ _____)</p> <p align="right">Each</p>	Each	35	
904- 001	<p>CAST-IN-PLACE CONCRETE TREE PLANTER FOOTING</p> <p>The sum of</p> <p>_____</p> <p>_____</p> <p align="right">CUBIC YARD</p> <p>(\$ _____)</p> <p align="right">CUBIC YARD</p>	CY	35	

**FORM FOR GENERAL BID
Unit Price Form**

REV. 1

**Somerville Avenue Utility and Streetscape Improvements
IFB 18-24**

Bidder must fill in Bid Schedule in Ink

Bidder shall fill in Computed Total
(Subject to verification)

Item No.	Description	Units	Approximate Quantity	Computed Total
904- 002	4000 PSI 3/4 IN. AGGR. CONCRETE The sum of <div style="text-align: right;">CUBIC YARD</div> (\$ _____) <div style="text-align: right;">CUBIC YARD</div>	CY	200	
999- 999	DEMOBILIZATION The sum of <div style="text-align: right;">Lump Sum</div> (\$ _____) <div style="text-align: right;">Lump Sum</div>	Lump Sum	1	

City of Somerville
Somerville Avenue Utility and Streetscape Improvements Project
IFB# 18-24

Addendum No. 2

Attachment 2 - Attachment E of the Technical Specifications –
Additional Water Service Tie Cards #1457 through #1459

1957

UNION
SQUARE

SOMERVILLE AVENUE

WASHINGTON STREET

FIRE
STATION

STREET

PROSPECT

NW

288

284

7

6

5-A

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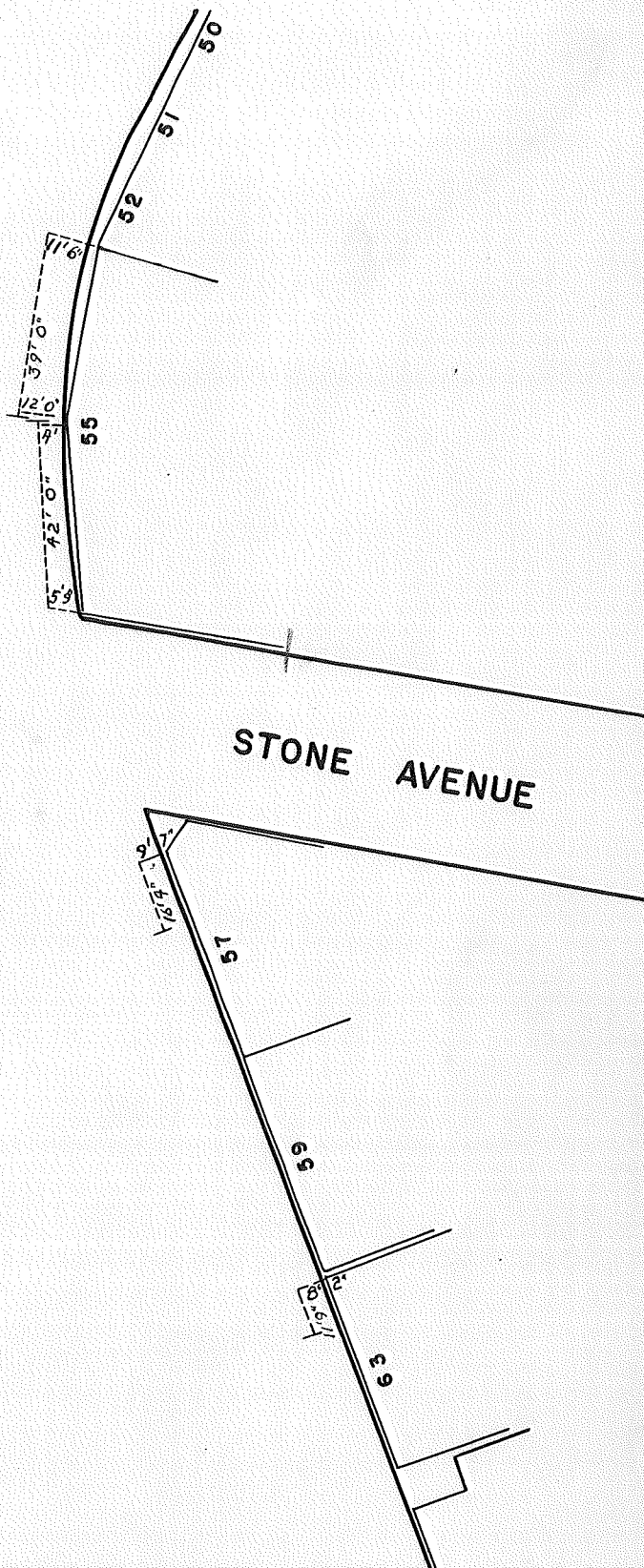
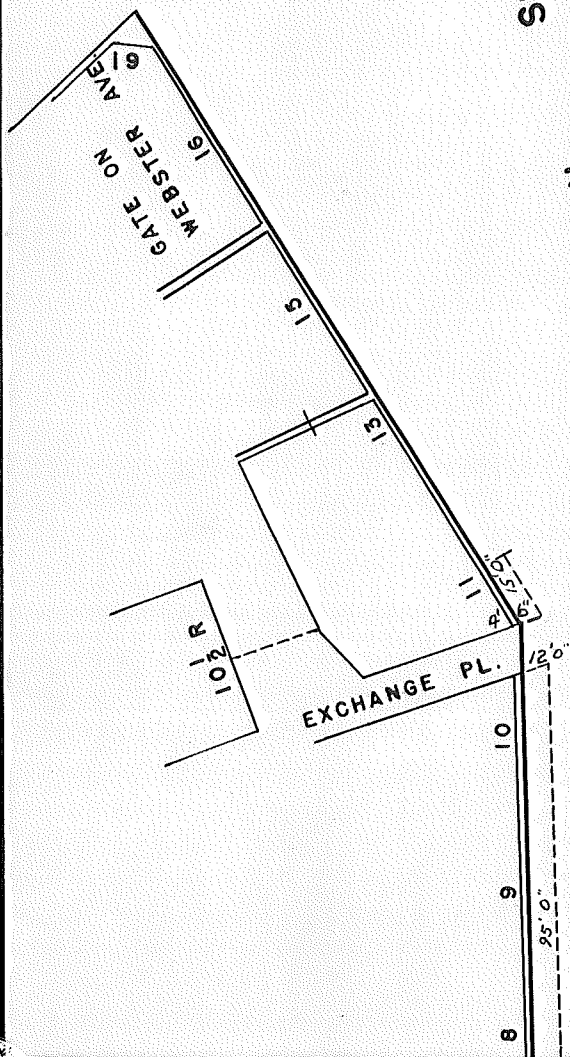
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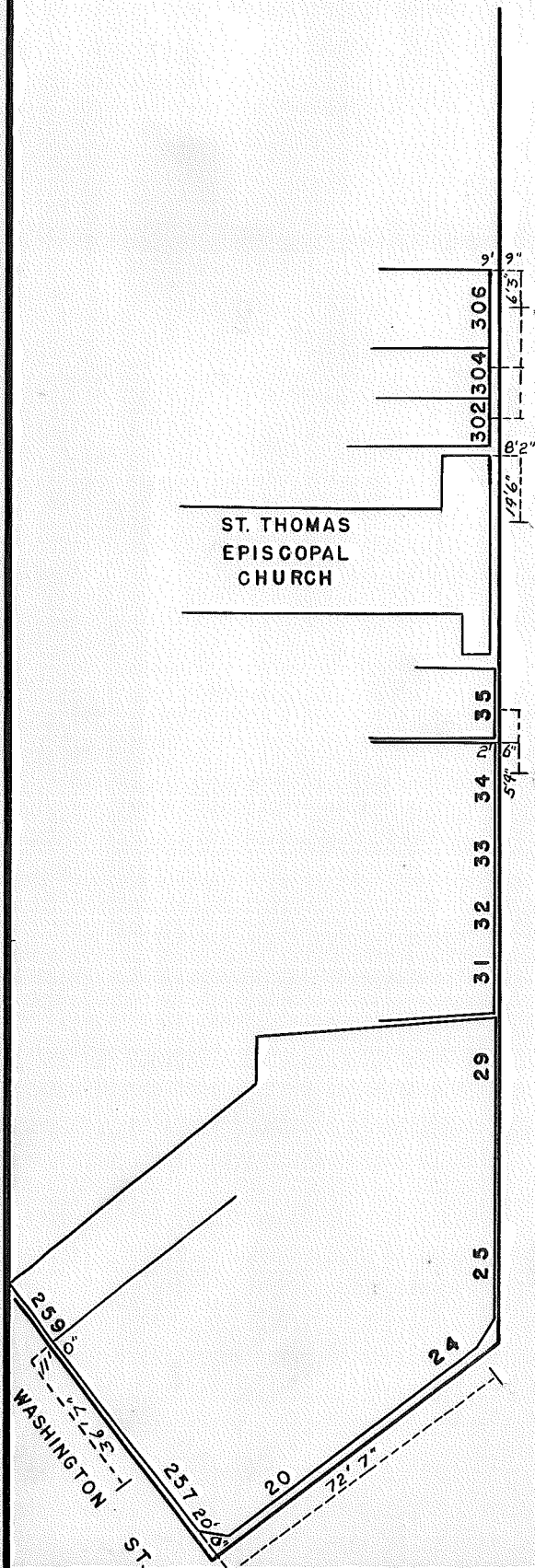
WASH
ST.

SQUARE

UNION

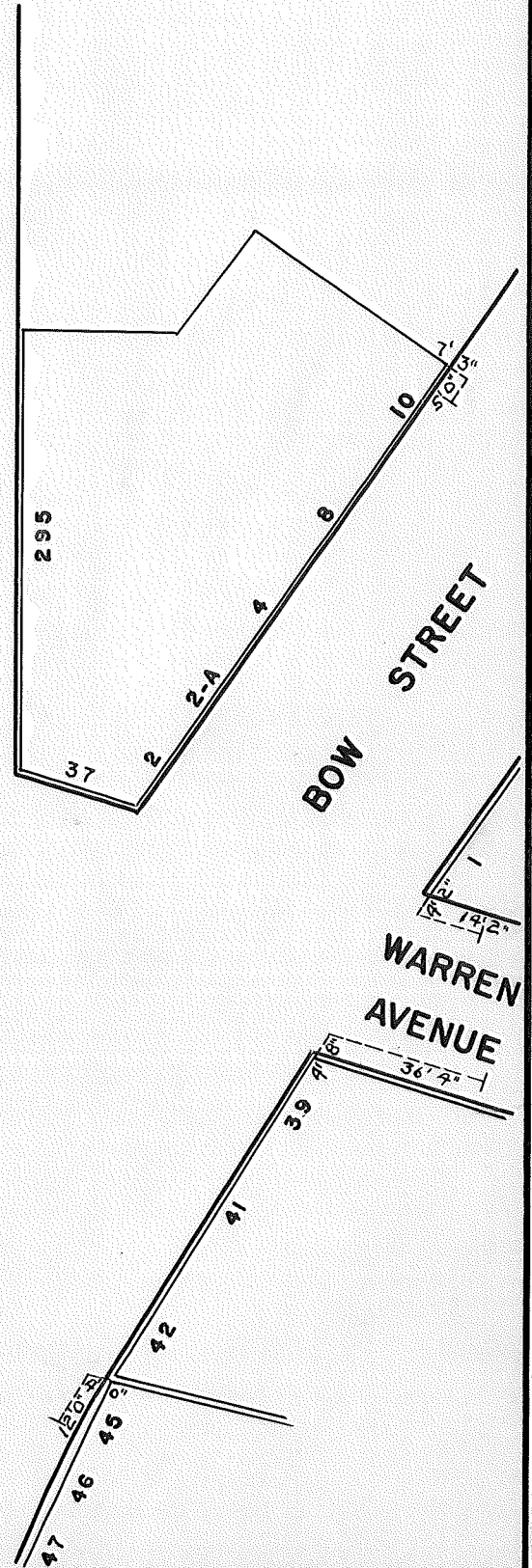
STONE AVENUE





SOMERVILLE AVENUE

UNION SQUARE



City of Somerville
Somerville Avenue Utility and Streetscape Improvements Project
IFB# 18-24

Addendum No. 2

Attachment 3 - Attachment L of the Technical Specifications –
Eversource Plan for New Somerville Avenue Ductbank

ATTACHMENT L –
EVERSOURCE PLAN FOR NEW SOMERVILLE AVENUE DUCTBANK

Note: This is a conceptual plan provided by Eversource. The City has not received an engineered plan or request for a Grant of Location for this proposed ductbank.

**New conduit to support Union Square development
To be constructed in parallel with sewer drainage
separation project for the City of Somerville**

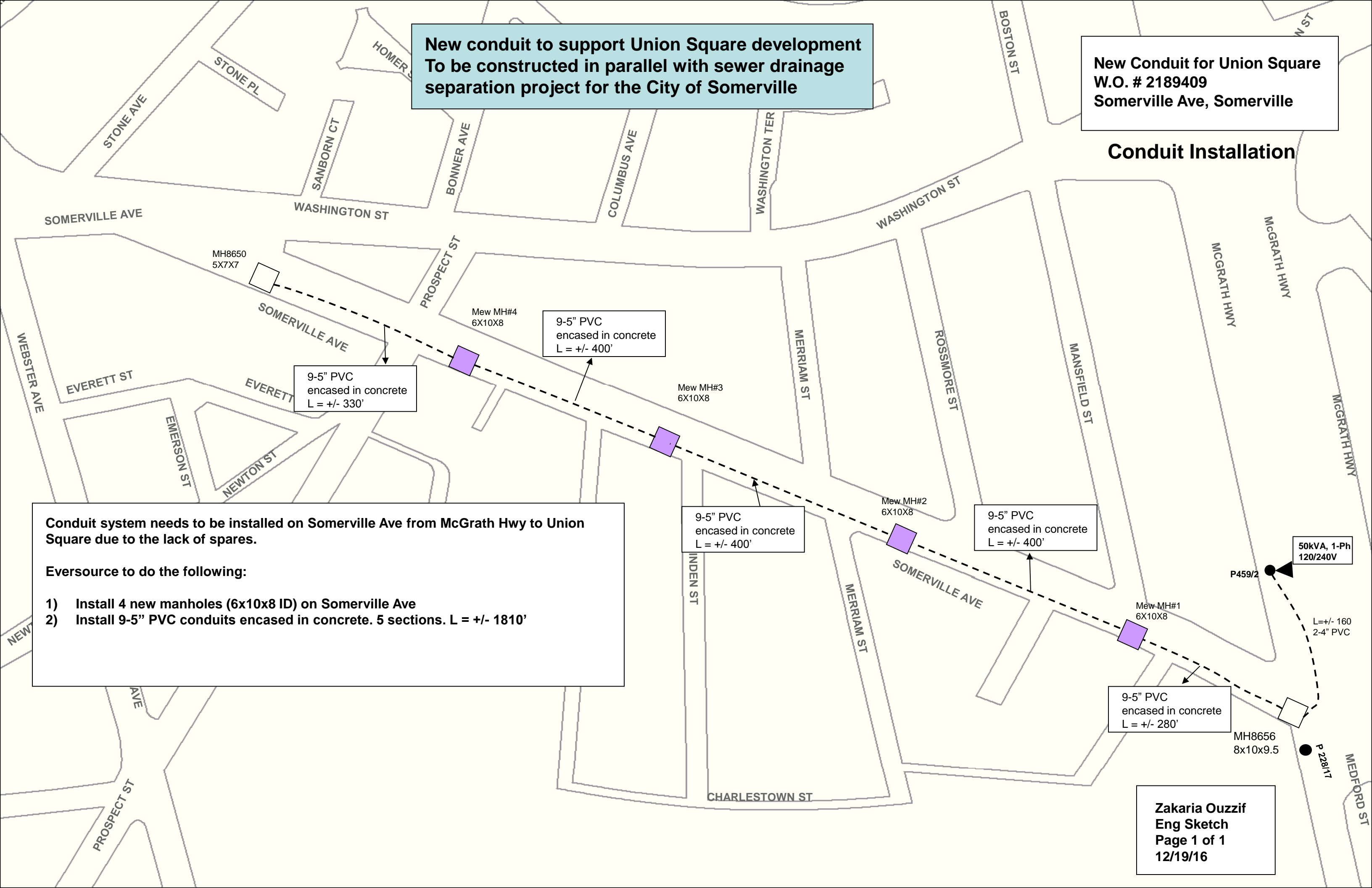
**New Conduit for Union Square
W.O. # 2189409
Somerville Ave, Somerville**

Conduit Installation

Conduit system needs to be installed on Somerville Ave from McGrath Hwy to Union Square due to the lack of spares.

Eversource to do the following:

- 1) Install 4 new manholes (6x10x8 ID) on Somerville Ave
- 2) Install 9-5" PVC conduits encased in concrete. 5 sections. L = +/- 1810'



City of Somerville
Somerville Avenue Utility and Streetscape Improvements Project
IFB# 18-24

Addendum No. 2

Attachment 4 – Sketch SK-W-1-1

SEGMENT 6

IS ABANDONED. REMOVE
ABANDONED GAS PIPE AS
ALL WATER MAIN. PROVIDE
OF ABANDONED GAS MAIN.

PROP. 22.5 EL

ATED 11.25 VERTICAL BEND

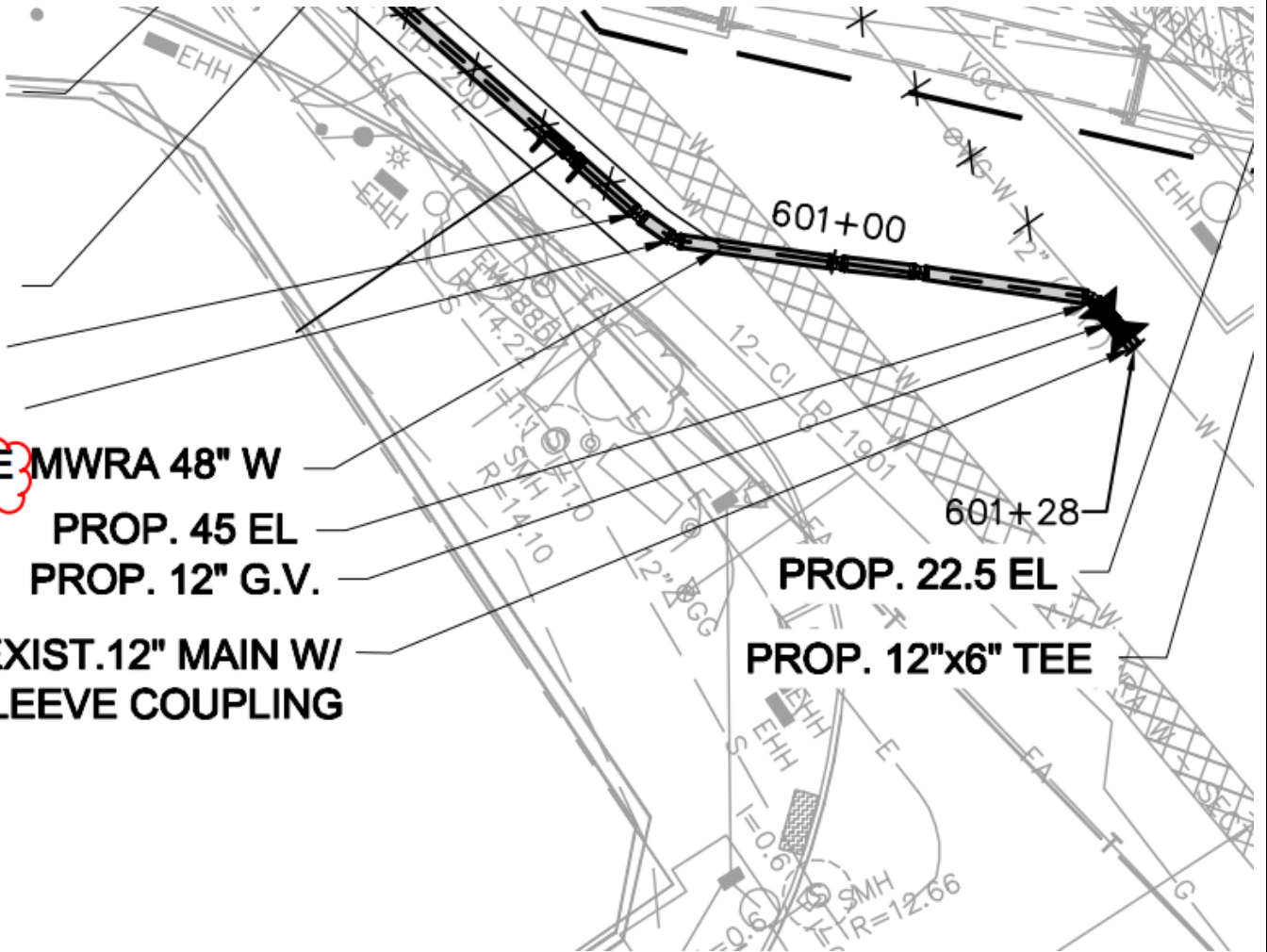
PROP. 22.5 EL

INSTALL 12" W ABOVE MWRA 48" W

PROP. 45 EL

PROP. 12" G.V.

**CONNECT TO EXIST.12" MAIN W/
RESTRAINED SOLID SLEEVE COUPLING**



SOMERVILLE AVENUE UTILITY AND STREETScape IMPROVEMENTS

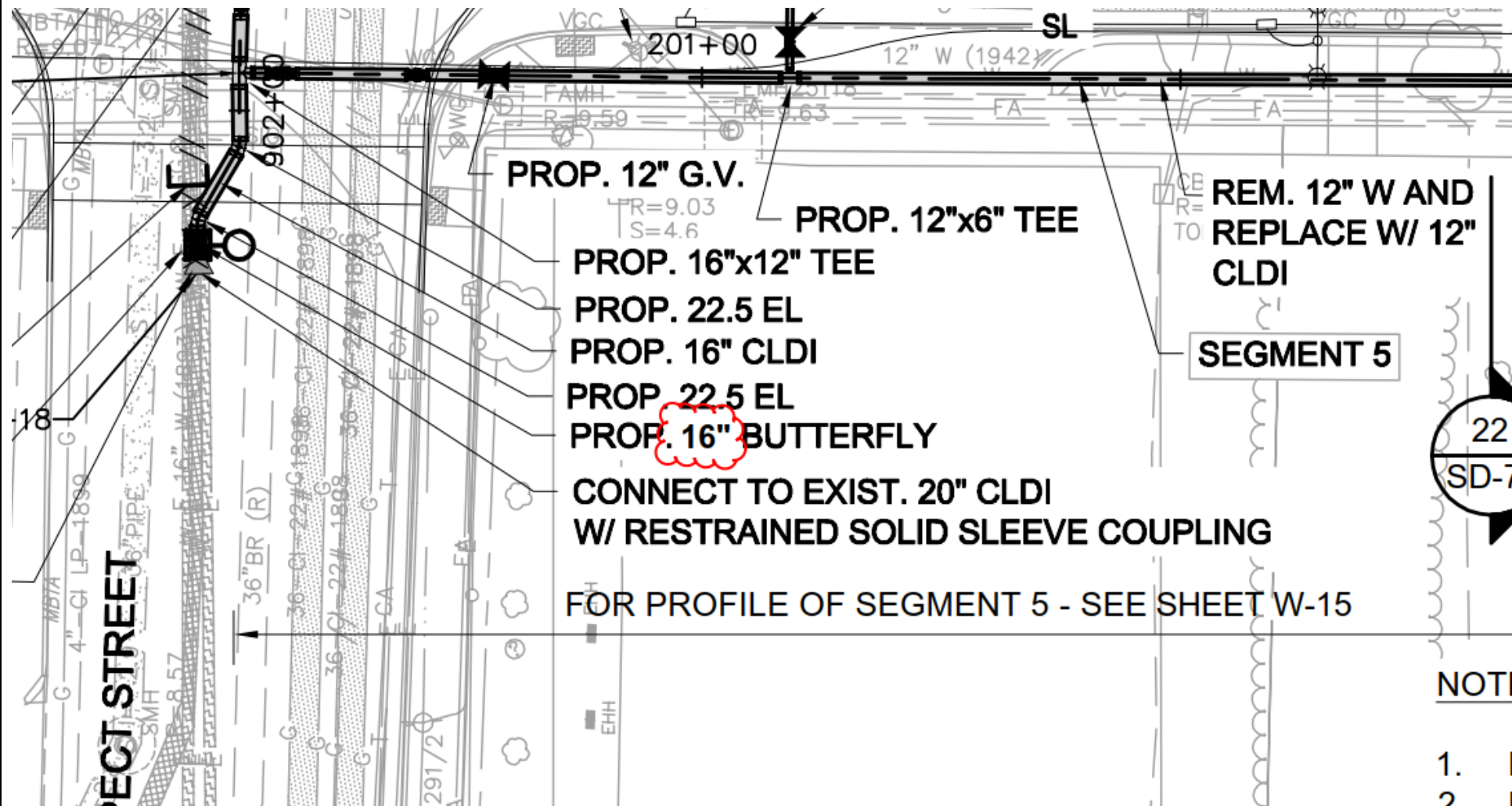
Reference Sheet No. W-1 Date: 1/16/18

SK-W-1-1

City of Somerville
Somerville Avenue Utility and Streetscape Improvements Project
IFB# 18-24

Addendum No. 2

Attachment 5 – Sketch SK-W-2-1



SOMERVILLE AVENUE UTILITY
AND STREETScape IMPROVEMENTS

Reference
Sheet No. W-2
Date: 1/16/18

SK-W-2-1

City of Somerville
Somerville Avenue Utility and Streetscape Improvements Project
IFB# 18-24

Addendum No. 2

Attachment 6 – Sketch SK-W-5-1



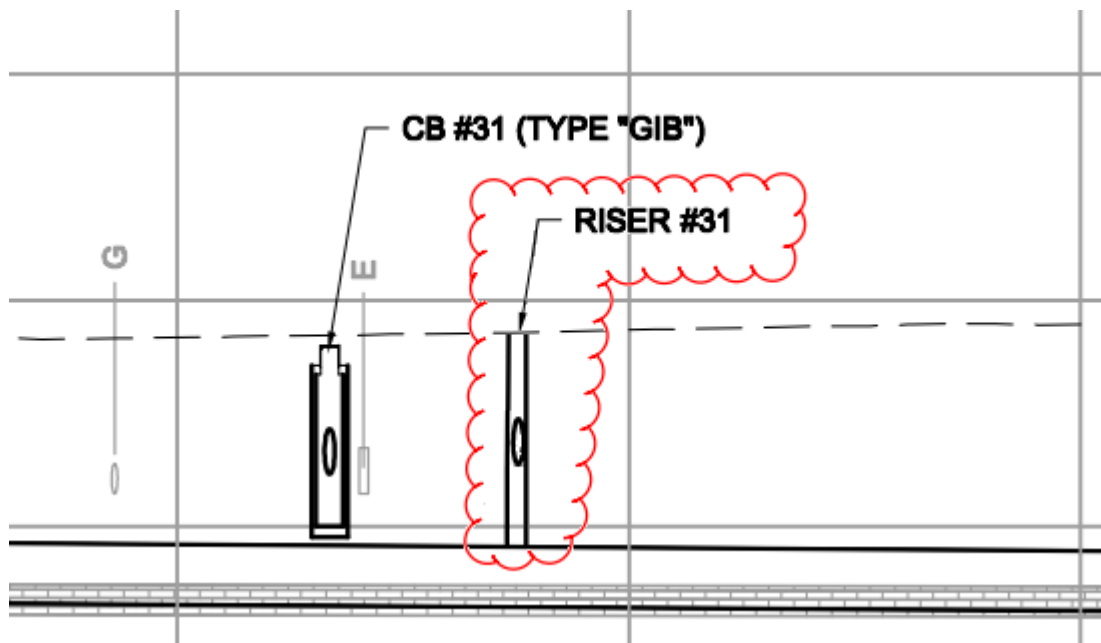
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Sheet No. W-5
Date: 1/16/18

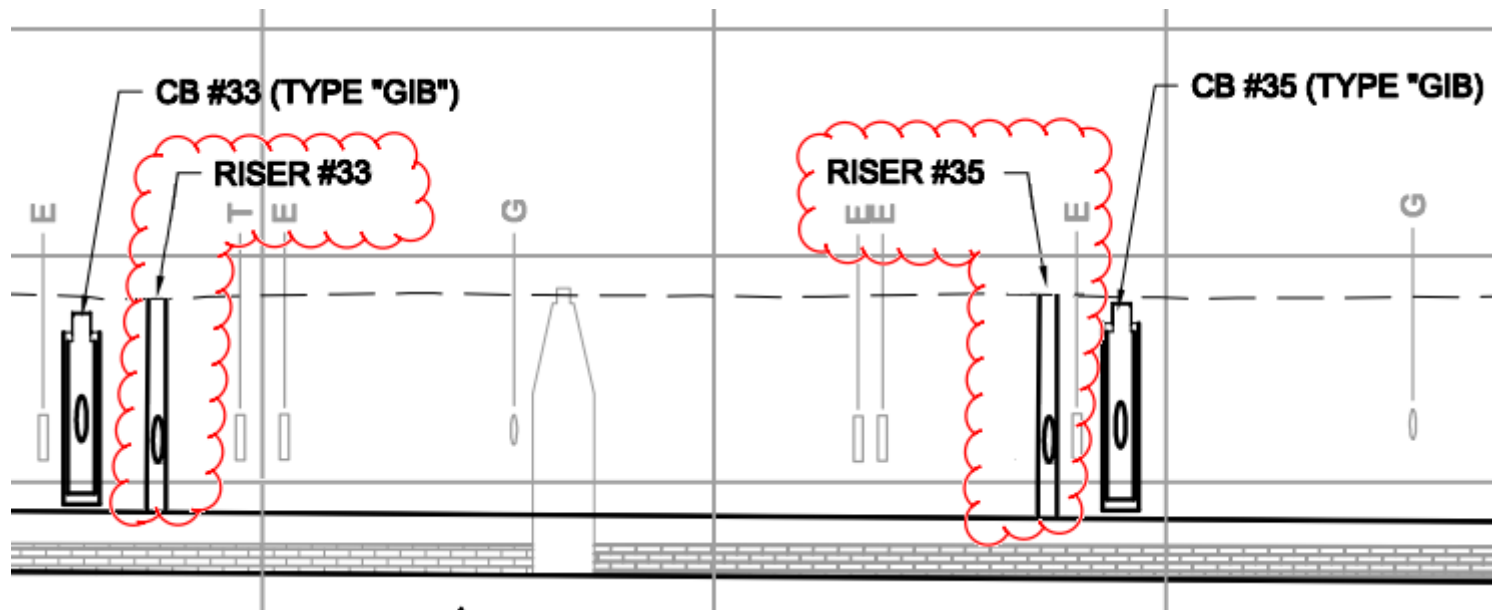
SK-W-5-1

City of Somerville
Somerville Avenue Utility and Streetscape Improvements Project
IFB# 18-24

Addendum No. 2

Attachment 7 – Sketches SK-SD-4-1 and SK-SD-4-2

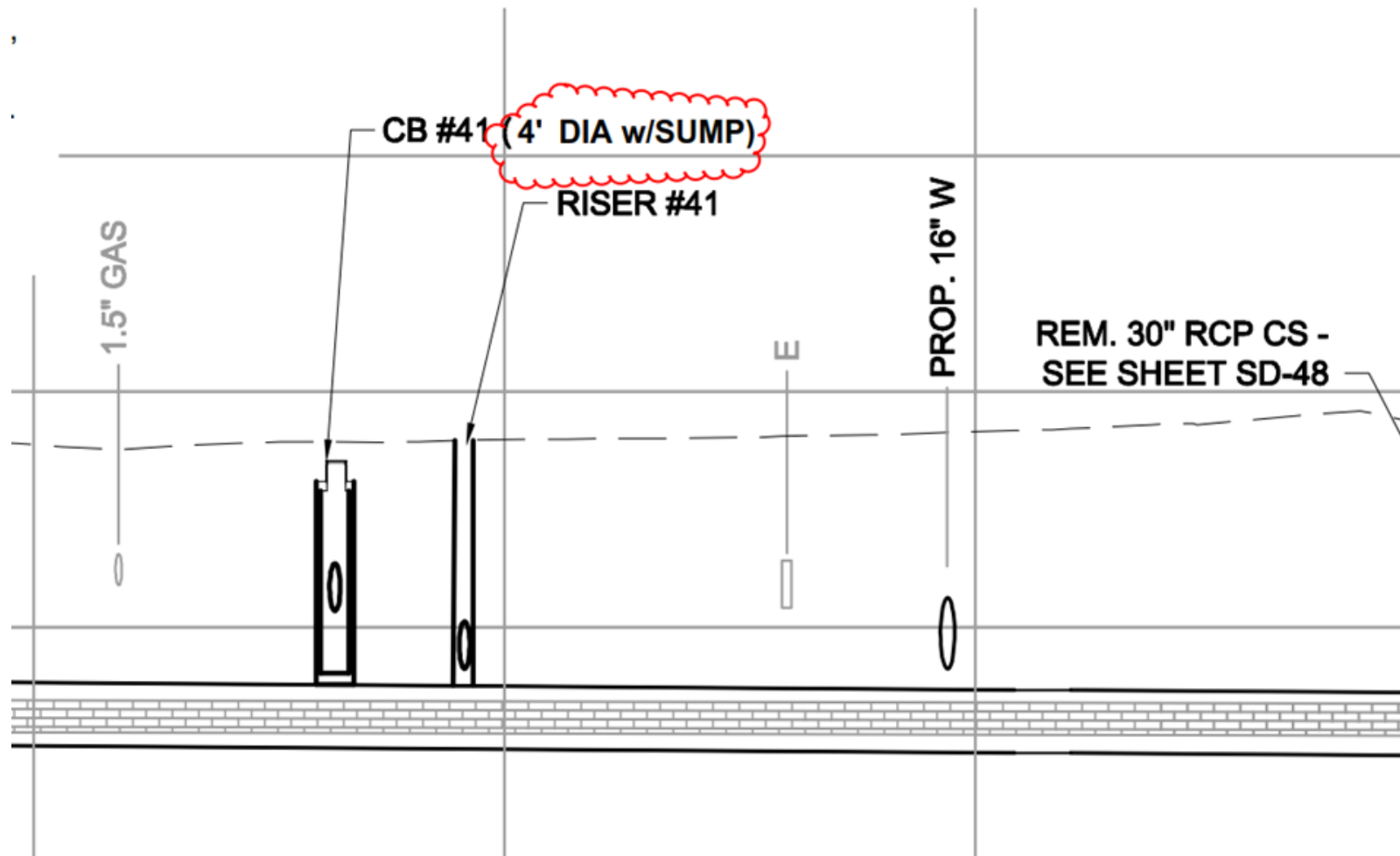




City of Somerville
Somerville Avenue Utility and Streetscape Improvements Project
IFB# 18-24

Addendum No. 2

Attachment 8 – Sketch SK-SD-5-1



SOMERVILLE AVENUE UTILITY
AND STREETScape IMPROVEMENTS

Reference
Sheet No. SD-5
Date: 1/16/18

SK-SD-5-1

City of Somerville
Somerville Avenue Utility and Streetscape Improvements Project
IFB# 18-24

Addendum No. 2

Attachment 9 – Sketch SK-SD-67-1

CB #36	SD-64	5016+66	17' RI	TYPE 14	14/SD-16	9.00	4.55 (6")	4.50 (12")	SEE GI-5
CB #37	SD-65	5018+00	13'LT	SB	18/SD-18	9.78	-----	6.78 (12")	
CB #38	SD-64	5017+89	17' RT	TYPE 14	14/SD-16	8.90	4.50 (6")	4.40 (12")	SEE GI-5
CB #39	SD-65	5018+70	21'LT	SB	18/SD-18	8.7	-----	6.20 (12")	
CB #40	SD-65	5019+73	13'RT	TYPE 13	5/SD-14	8.50	6.00 (6")	3.80 (12")	SEE GI-6
CB #41	SD-65	5020+25	25'LT	4'DIA w/SUMP	8/SD-14	8.30	-----	5.00 (12")	
CB #42	SD-65	5020+56	29'RT	TYPE 13	5/SD-14	9.22	-----	6.10 (12")	
CB#43 through CB#101	-----	-----	-----	-----	-----	-----	-----	-----	NOT USED
CB#102	SD-10	5013+41	53' LT	4'DIA w/SUMP	4/SD-13	9.64	-----	5.60 (12")	MERRIAM STREET
CB#103	SD-64	5015+46	79' LT	4'DIA w/SUMP	4/SD-13	9.80	-----	5.20 (12")	ROSSMORE STREET
CB#104	SD-64	5015+94	60' LT	4'DIA w/SUMP	4/SD-13	9.00	-----	5.00 (12")	ROSSMORE STREET

RISER#35	SD-64	5017+40	19' LT	----	20/SD-18		-----	5.80 (12")	
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SOMERVILLE AVENUE UTILITY
AND STREETScape IMPROVEMENTS

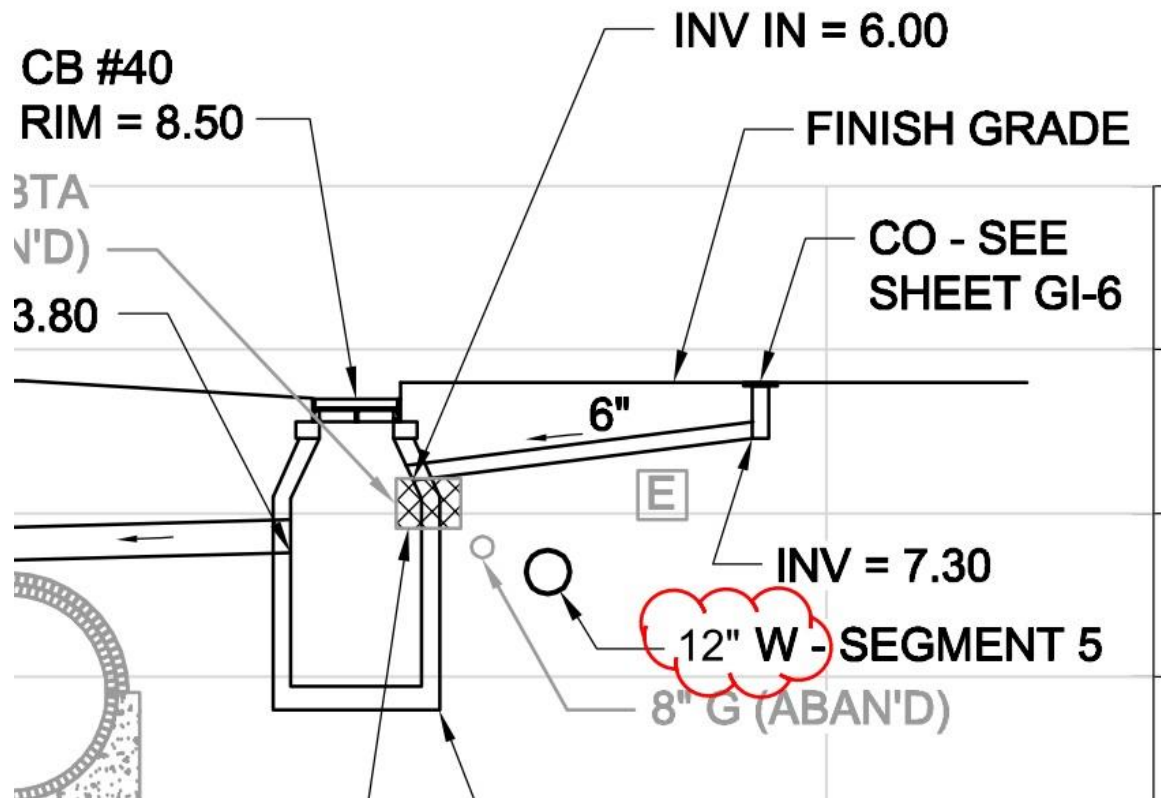
Reference
Sheet No. SD-67
Date: 1/16/18

SK-SD-67-1

City of Somerville
Somerville Avenue Utility and Streetscape Improvements Project
IFB# 18-24

Addendum No. 2

Attachment 10 – Sketch SK-SD-77-1



SECTION 40



SOMERVILLE AVENUE UTILITY AND
STREETSCAPE IMPROVEMENTS

Reference
Sheet No. SD-77
Date: 1/16/18

SK-SD-77-1

IFB 18-24 Somerville Ave Utility and Streetscape Improvements - List of Vendors Interested

Name	Company	Address	Phone	E-mail Address
Debbie Dempsey,	The Blue Book Network			bbbid@bbid.thebluebook.com
Karen Fitzgerald	ProjectDog	Newburyport, MA	978-499-9014	addenda@projectdog.com
Justin Felisco	ConstructConnect	Norcross, GA	323-602-5079	Justin.Felisco@ConstructConnect.com
Wayne Keefner; Tim Williams	Allen & Major Associates, Inc.	Woburn, MA	781-305-9434	wkeefner@allenmajor.com ; twilliams@allenmajor.com
Tom Day; Dan Deacon	Barletta Heavy Division	Canton, MA	781-821-6222	info@barlettaco.com ; tday@barlettaco.com ; ddeacon@barlettaco.com
Ed Dishong	The Dow Company	Dracut, MA	978-682-1414	info@thedowcompany.com ; edishong@thedowcompany.com
Joseph Betoncourt	Gioioso and Sons		617-364-5800	info@pgioioso.com ; Marco@pgioioso.com ; JoeB@pgioioso.com ; Joe@pgioioso.com
Bob Berry; Thomas Harrigan; Matt Casey; Meredith Swanson	JF White Contracting	Framingham, MA	508.879.4700	info@jfwhite.com ; blee@jfwhite.com ; bberry@jfwhite.com ; tharrigan@jfwhite.com ; mcasey@jfwhite.com ; mswanson@jfwhite.com
	James W. Flett Contracting	Belmont, MA	(617) 484-8500	
Dennis Valente; George Francis	CSI Concrete Systems	Hudson, NH	508-962-2078	dvalente@csigroup.com ; gfrench@csigroup.com
Elisa Angelli	LM Heavy Construction		617-592-6144	TL@lmheavycivil.com
	Old Castle Precast			
	DeepRoot Green Infrastructure	San Francisco, CA	415 781 9700	info@deeproot.com
	Blakesless Prestress	Branford, CT	203-481-5306	info@blakesleeprestress.com
Regina Curran; Craig Stewart; Steve Oien	McCourt Construction	South Boston, MA	617-269-2330 x128	RCurran@mccourtconstruction.com ; CStewart@mccourtconstruction.com ; soien@mccourtconstruction.com
Brad Shalek	I.W. Harding Construction Co	West Bridgewater, MA	508-588-2222 x202	bshalek@iwharding.com
Pietro Ciano; Paul Scenna	Albanese D&S Inc	Dracut, MA	978-937-0909 x213	pciano@albaneseds.com ; pscenna@albaneseds.com ; marcella@albanesebros.com
Jill Cunningham; Alfredo P.	Revoli Construction Co	Franklin, MA	508-520-2350 x29	jillc@revoliconst.com ; alfredo@revoliconst.com
Mark Welch	Aggregate Industries Northeast	Saugus, MA	781-307-4057	mark.welch@aggregate-us.com
Richard Burt	EJ	Brockton, MA	508-586-3130	rburt1@comcast.net
	Vortex Turnkey Solutions			VTKEstimating@vortexcompanies.com
Bob Kourafas	Newport Construction	Nashua, NH	603-882-1700	r.kourafas@newportconstruct.com
Steve Lesperance	Geo Environment Monitoring Solutions, LLC	Lynnfield, MA	617-955-6300	slesperance@get-gems.com ; mturner@get-gems.com
Elin Carbonneau	Dagle Electrical Construction Corp	Wilimington, MA	800-379-1459	ecarbonneau@deccorp.com ; lcallanan@deccorp.com
Querino Pacella	RJV Construction Corp	Canton, MA	781-821-1469	qp@rjvconstruction.com
Tamera; Frank Baltazar	Baltazar Contractors Inc.	Ludlow, MA	413-583-6160	officeassistant.bci@gmail.com ; fbaltazar@baltazarci.com
Mingyang Zu	LaFarge Holcim Group	Soughton, MA		mingyang.zu.ext@lafargeholcim.com
Jeff Houser	McWane Ductile	Phillipsburg, NJ	908-454-1161	jeff.houser@mcwaneductile.com
Peter Williamson	R. Zoppo Corp	Stoughton, MA	781-344-8822	mdillon@zoppo.com ; pwilliamson@zoppo.com
Allen Penney; Riley Wetmore	Ferguson Waterworks	Canton, MA	781-302-4004	Ricky.Penney@ferguson.com ; Riley.Wetmore@Ferguson.com
Rich Ross	FW Webb	Malden, MA	781-844-4216	richard.ross@fwwebb.com
Stew McCormack	Defelice Corp			smccormack@defelicecorp.com
Dave Whitney	Albanese Brothers, Inc.	Dracut, MA	978-454-8850	dwhitney@albanesebros.com
Claire Coupal; Tom Grondine		Littleton, MA	978-742-4407	ccoupal@middlesexco.com ; tgrondine@middlesexco.com
Bruce Maxwell	Core & Main	Billerica, MA	978-901-6044	Bruce.Maxwell@coreandmain.com
Elaine Baker	P. Gioioso & Sons, Inc.		617-364-5800	Elaine@pgioioso.com ; JoeB@pgioioso.com
Jon Diamond	Biszko Corp.		508-679-0518	jdiamond@biszkocorp.com
Joan A. Allen	Aegion	Charlton, MA	508-248-7640	JAllen@aegion.com ; MCronin@aegion.com ; MSzela@aegion.com ; JPetruzzi@aegion.com
Rick Amirault	D&R General Contracting, Inc.	Melrose, MA	781-321-7772	ricka@drpaving.com
Lester Valente	Fed. Corp.	Dedham, MA	781-329-1044	lester@fedcorponline.com
Danielle Bourne	Horsley Witten Group	Sandwich, MA	508-833-6600	dbourne@horsleywitten.com
Jim Roncone	SPS New England			JRoncone@SPSNewEngland.com
John Granese	N. Granese & Sons	Salem, MA	781-592-8121	jgranese@ngranese.com ; info@ngranese.com
Joe Chen	A R Belli			joe.chen@ARBelli.com
Mary Medeiros	L&L Concrete Products, Inc.	Webster, MA	508-987-8175	llconcrete@charter.net
Mike Brooks; John Pastore; John McNamara	A.A. Will Corporation	Stoughton, MA	781-341-4800	mbrooks@aawill.com ; estimating@aawill.com

IFB 18-24 Somerville Ave Utility and Streetscape Improvements - List of Vendors Interested

Name	Company	Address	Phone	E-mail Address
Marissa Gemma	E.T. & L. Corp.	Stow, MA`	978-897-4353	mgemma@etlcorp.com
Portia Flores	Construct.com			portia.flores@construction.com
Peter Ferreira	NWMCC		617-212-7739	peter.ferreira@nwmcc-bos.com
Connor Collier	Vortex Companies	Putnam, CT.	203-241-2567	ccollier@vortexcompanies.com
Kevin Hoyt	ET&L Corp		978-897-4353	khoyt@etlcorp.com
Mark Richardson	ET&L Corp		978-897-4353	mrichardson@etlcorp.com
Marc Scopelleti	Baker Corp		508-864-3893	mscopelleti@bakercorp.com
Michael Munyon	Spiniello Co	Baltimore, MD	978-808-8383 x217	mmunyon@spinielloco.com
Sydney Irving	SDE Inc.	Lawrence, MA	978-975-0500	Sirving@sde-inc.com
Todd Livolsi	Briggs Engineering and Testing	Rockland, MA	781-871-6040	tlivolsi@briggsengineering.com
Craig McPherson	Sybertech Waste Reduction Ltd		604-544-3839	cmacpherson@swrl.com