

**ADDENDUM NO. 1**  
**February 5, 2019**  
**ISLINGTON STREET CORRIDOR IMPROVEMENTS – PHASE 1**  
**PORTSMOUTH, NEW HAMPSHIRE**

The following changes and information are hereby incorporated into the Contract Documents (Project Manual and Drawings).

**GENERAL**

1. Meeting Notes (**Attachment “A”**) and the information provided within are included in the Contract Documents by this Addendum No. 1.
2. The Contractors Bid Form (Pages A-3.5 to A-3.30) will be made available upon request in Excel format for contractors use. Contact Underwood Engineers to request a copy of the bid form.

**PROJECT MANUAL**

3. Section A-3: Bid
  - a. **Delete** the Contractor’s Bid Schedule in its entirety (pages A-3.5 to A-3.29) and **replace** it with **Attachment “B”**. The following changes are noted:
    - Schedule 2 – Water
      - **Add** item 3.1.04 – 4” DI water service piping
    - Schedule 3 – Drainage
      - **Revised** all unit quantities
    - Schedule 4 – Roadway
      - **Revised** all unit quantities
      - **Add** Unit Items 1010.2X – Asphalt Cement Adjustment
    - Schedule 5 – Sidewalk and Landscape
      - **Revised** all unit quantities
4. Section 00800 - Supplementary Conditions
  - a. Page 00800-4, SC-5.02

**Add** the following at the end of Paragraph C:

“The *Griffin Family Corporation* shall also be listed as additional insured pertaining to work on and in front of their property (Plaza 800).”
  - b. Page 00800-6, SC-5.06

**Delete** “Builders Risk” from paragraph A and replace with “Installation Floater”

5. Section POW – Prosecution of Work

a. Page POW-4, Paragraph 3 – Traffic Control

**Delete** paragraph in its entirety and **replace** with the following:

**“3. TRAFFIC CONTROL**

A Traffic Control Plan (TCP) shall be submitted to the Engineer for review and will require approval by the City of Portsmouth. Construction warning signs must conform to MUTCD standards, as applicable. The Contractor shall provide a minimum of two (2) portable message boards for this project and will be responsible for siting and/or locating message boards as designated, and for maintenance of the messages throughout construction (Item 619.253). Trenches will be backfilled and roads shall be re-opened to provide safe two way vehicular and pedestrian traffic at the end of each working day. The Plan shall also include the anticipated number of flaggers to be used for a given work area. Police details shall be used at signalized intersections (Bartlett Street) and as directed by the Engineer and Portsmouth DPW. The Engineer reserves the right to request more or fewer flaggers as work progresses and conditions change. Variations to the TCP will be dependent on the Contractor’s schedule and operations. Short duration road closures to through traffic and detours (excepting local traffic) are anticipated to aid in facilitating completion of the work. Any detours shall only be during working hours and traffic shall be restored at the end of each day. All temporary detours require approval from the Portsmouth DPW. The Contractor will not be permitted to use private properties and parking lots (i.e. Plaza 800) as detour routes. The Contractor shall coordinate implementation of detours with the DPW. However, the Contractor shall maintain access to all property’s businesses throughout construction, to the maximum extent that is possible.

EQUIPMENT

Provide necessary barricades, signs and traffic control devices in accordance with approved TCP, NHDOT Section 619, and MUTCD (latest edition). All barrels used will be required to have blinking yellow light for additional visibility at night.

BUSINESS, RESIDENCE, AND PARKING ACCESS

The Contractor will be required to maintain access to all businesses at all times. Temporary and alternate access may be provided in coordination with the business owners, consistent with the limitations within these Construction Documents. This may include temporary entrances, temporary parking, temporary pedestrian ways and one-way traffic. The Contractor shall also provide individual signs for each parcel in the work area that state “All BUSINESSES OPEN”. It is anticipated at least two signs shall be provided per business. Signs shall be professionally made. Hand written signs will not be permitted. Temporary access may constitute removal and reset of existing curbing (Item 609.5) and existing landscaping to accommodate construction of temporary vehicular access. Approved devices (barrels and or barricades) will be required to prevent passage of vehicular traffic through temporary access points when not in use and are subsidiary to Item 619.1X. Temporary access of parking lots through an adjacent property will only be permitted with written permission from both property owners and approval from the Owner and the Engineer. Temporary access to a parking lot from the street must be reviewed and approved by the City, Engineer, and the Property Owner.”

b. Page POW-5, Paragraph 5 – Reuse of Materials

**Delete** paragraph in its entirety and **replace** with the following:

“Reuse of crushed concrete, brick, and or reclaimed pavement will only be permitted for temporary stabilization of trenches, driveways, sidewalks, etc. Use of these materials as permanent base materials will not be permitted.”

c. Page POW-6, Paragraph 9 – Meetings

**Add** the following paragraph:

**“West End Business Association Coordination Meetings**

The Contractor should anticipate regular progress meetings with the West End Business Association, of which many of the business adjacent to the project area are a member. The Contractor should plan on attending six (6) additional meetings. Each meeting shall be attended by the Project Superintendent and, upon request, the project manager.”

d. Page POW-7, Paragraph 13 – Granite Curbing

**Delete** the paragraph in its entirety and **Replace** with the following:

“New granite curbing shall be installed throughout the project as shown on the plan or as directed. All existing 8” wide granite curb removed shall be reincorporated into the project and reset to the greatest extent practical (Item 609.5). The reset of 8” curb shall be in continuous runs and not intermixed with any new curbing. Existing 8” wide curb removed and not reset will become property of the owner and shall be delivered to a stockpile location as directed by the Owner. If the owner determines that the City has no need for the curbing, it shall be the Contractors responsibility to remove and dispose of said curbing.”

e. Page POW-10, Paragraph 19 – Work Hours

**Revise** the first sentence of the paragraph to read:

“It is anticipated the Work will be completed Monday through Friday during daylight hours (7 AM to 6 PM) unless specifically noted otherwise.”

f. Page POW-13

**Add** the following paragraphs:

**“32. TEMPORARY PAVING**

Temporary paving (403.99) of all disturbed areas subject to vehicular traffic shall be completed every Friday prior to weekend shutdown or the day prior to a holiday if work will be suspended for said holiday for longer than one (1) day during the week. Temporary paving shall be a minimum of 1” thick. Additional thickness may be requested by the Owner or Engineer dependent on the location of temporary paving (i.e. heavy turning movement area) or duration temporary pavement will remain in place.

6. Section 01025 – Measurement and Payment

a. Page 01025-3, paragraph 1.8.A.3

**Delete** paragraph in its entirety and replace with the following:

“3. Restoration of existing landscaping and yards disturbed to complete any aspects of the work will be subsidiary and not measured for payment. This may include but not be limited to restoration of existing lawns, mulch beds, shrubs, plantings, etc. New planting and landscaping shown on the drawings will be measured for payment under Item 650.2

7. Section 01515 – Temporary Water

a. Page 1, paragraph 1.1.B.10

**Add** the following at the end of the first sentence:

“and all sidewalk, walkways and areas of pedestrian traffic.”

b. Page 3, paragraph 3.2.K

**Delete** paragraph in its entirety and **replace** it with the following:

“K. All temporary connections shall be connected below grade at the property line (ROW) where the existing water service is located.

8. Division E – NHDOT Standard Specification and Amendments

a. **Add** Supplemental Specification 203 – Excavation and Embankment (**Attachment “C”**)

b. **Add** Supplemental Specification for Item 1010.2 – Asphalt Cement Adjustment (**Attachment “D”**)

9. Supplemental Specification 616 – Traffic Signals

a. Page 2, Section 2.1.3

**Delete** “or approved equal” from the end of the second sentence of the second paragraph.

b. Page 4, Section 2.1.3

**Delete** the word “painted” from the first paragraph

10. Supplemental Specification 665 – Street Light System

a. Page 10

**Delete** Paragraph 2.22.D and **replace** with the following:

“D. Lighting fixtures and lamps shall be as follows:

1. Poles shall be “Hancock” model as manufactured by “Spring City”, 10’-2” height heavy wall ductile iron pole without ladder rests with internal Anchors colored black with anchor bolts and mounting hardware (there are 4 - ¾”x 24” galvanized anchor bolts and 8 - ¾” galvanized nuts and 12 -

- 3/4" galvanized washers per pole). Poles shall be provided with an aerosol can of matching touch up paint.
2. Lantern shall be Model "RS-TUR-177 Portsmouth" with two medium bases for led bulbs, Manufactured by "Newstamp Lighting." Spare replacement glass for two lanterns shall also be provided. The LED bulbs for above shall be: 60-watt equivalent, 3000K color. Two bulbs per lantern, shall be provided.

- b. Supplemental Specification 692  
**Revise** title to read:

"AMENDMENT TO SECTION 692 – MOBILIZATION

## **DRAWINGS**

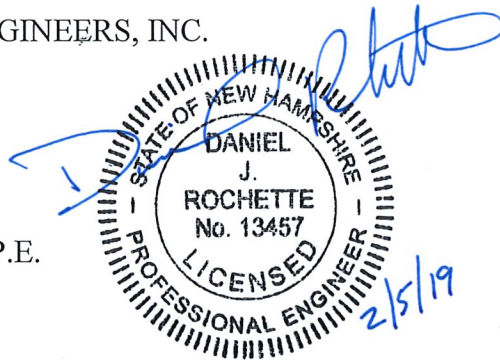
11. Sheet 5 of 88 – Details (curbing)

- a. Vertical Granite Curbing

**Add** General Note #1 regarding placement of concrete behind curbing during installation as provided on Attachment "E"

UNDERWOOD ENGINEERS, INC.

Daniel J. Rochette, P.E.  
Project Manager



**Attachments:**

- Attachment "A" – Pre-Bid Meeting Notes  
Attachment "B" – Contractor's Bid Schedule Pages A-3.5 - A-3.30  
Attachment "C" – Supplemental Specification: Section 203 – Excavation and Embankment  
Attachment "D" – Supplemental Specification: Item 1010.2 – Asphalt Cement Adjustment  
Attachment "E" – Sheet 5 of 88: Details (curbing)

# ADDENDUM #1 – ATTACHMENT “A”

## PRE-BID MEETING NOTES

### ISLINGTON CORRIDOR IMPROVEMENTS – PHASE 1 CITY OF PORTSMOUTH, NH

#### PORTSMOUTH DEPARTMENT OF PUBLIC WORKS

680 PEVERLY HILL ROAD

January 29, 2019 (2:00 P.M.)

<u>Attendees</u>	<u>Representing</u>	<u>Phone</u>	<u>Email</u>
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(Sign In Sheet)

#### 1. Introductions

#### 2. Mandatory Pre-Bid Meeting

Attendance at this meeting is mandatory. Bids from Contractors not in attendance will not be opened.

#### 3. Project Area & Background

The overall project area is approximately 3,900 LF and includes:

- Islington Street between the Rt 1 Bypass Bridge and Dover Street (3,200 LF)
- Columbia Street (500 LF)
- Columbia Court (200 LF)

Project is a “complete street” type project including:

- Utility replacements
- Roadway reconstruction
- Signal improvements
- Landscape improvements

#### 4. Project Overview

The project is being bid in three parts:

- Base Bid – Islington Street (Rt 1 bypass to Albany Street), 2,300 LF
- Add Alt #1 – Columbia Street & Columbia Court, 700 LF
- Add Alt #2 – Islington Street (Albany Street to Dover Street), 900 LF

The project includes but is not limited to the following items:

#### *Sanitary Sewer Improvements*

- Sanitary sewer main installations.
  - 8” dia and 15” dia PVC pipe
- Replacement of all sewer service laterals.
  - 6” dia PVC
- Interior sewer service re-plumbing work and sewer service installation on private property.

- Maintenance of sewer flows.

#### ***Drainage Improvements***

- Storm sewer installations.
  - 12” dia to 24” dia CPE pipe
- Installation of drainage whether public or private.

#### ***Water Improvements***

- Water main replacement.
  - 8” dia and 16” dia CL52 DI
- Replacement of all water service laterals.
  - 1” dia to 2” dia copper tubing
  - 4” dia to 8” dia CL 52 DI domestic and fire services to shopping plazas and businesses
- Maintenance of water system without interruption of service to users.
- Temporary water systems
  - Temporary main
  - Temporary services up to 2” dia
  - Temporary services greater than 2” dia up to 8” dia

#### ***Roadway Improvements***

- Full depth reconstruction
  - 6” nominal thickness bituminous pavement
  - 24” select gravels
- Granite curb installations.
- Concrete and brick sidewalk installation.
- Driveway and apron reconstruction.
- *In addition to existing pavements, existing roadbed may include approximately 14” to 16” of layered brick (double thickness) and concrete. Materials were observed during gas main installations however the exact limits were not confirmed.*

#### ***Traffic Signal Improvements***

- Construct new signal foundations, signal supports, and all signal hardware at Bartlett Street Intersection.
- Maintain operation of existing traffic signals until new signals are operational.
- Remove existing traffic signals.

#### ***Street Lighting Improvements***

- Installation of new decorative lighting assemblies, underground conduits, and all other appurtenances/wiring

#### ***Landscaping Improvements***

- Removal of existing trees and plantings.
- Installation of new street trees, including tree grates, guards, and structural tree root cell and planting soil.
- Trash receptacles, benches, and bike racks

***Traffic Items***

- Existing signs to be reinstalled if disturbed.
- Install new signs as shown
- Install temporary pavement markings on binder course pavement for traffic control until final paving.
- Install new pavement markings.

***Coordination and Protection of Utilities***

- Coordinate pole relocation work (by others) with appropriate utility companies.
  - *Select poles have been previously relocated in anticipation of project.*
- Coordinate protection of existing gas mains with Unitil.
  - *New Unitil gas main constructed in sidewalk in 2017/2018.*
- Coordinate temporary water shutdowns with the Portsmouth Water Department.

**5. Available Information**

The following information has been included in the Appendix of the project manual:

- APPENDIX A – Geotechnical Engineering Report

The following information is available upon request in support of this project:

- Sewer videos and TV inspection logs.
- House to House basement surveys
- Homeowner Questionnaires
- Record Drawings
  - Aldrich Road, Thaxter Road, Bartlett Street, Albany Street, Cass Street, Dover Street

**6. Bids**

The following shall be submitted to be considered a complete bid:

- Bid (Section A-3) to be filled out in its entirety, pages A-3.1 to A-3.29
- Bid Bond for 10% of the bid price, pages A-4.1 and A-4.2

Bids to COP Purchasing Department by **2:00 p.m., February 14, 2019**

- Bids will be opened and read aloud immediately after bids are due in Portsmouth City Hall.
- Acknowledgement of any addendum
  - Addenda will not be distributed; it is the Bidders responsibility to check the City of Portsmouth Purchasing Department’s webpage for all addenda issued:  
<http://www.cityofportsmouth.com/finance/purchasing.htm>
- The Basis of Award will be the lowest price from a qualified bidder based on the engineers estimated quantities for the Base Bid plus any combination of Add Alternates 1 and 2 for which the City will have available funding. If awarded, add alts will be awarded in order.
  - *City may add any of the add alternates not awarded by change order during the course of the project.*



**7. Schedule**

Completion time for the project will be calculated as calendar days (exclusive of winter shut down) from the date specified in the “Notice to Proceed” as follows:

Substantial Completion

**260** Calendar days for the Base Bid (Islington Street from Spinney Road to Albany Street).

**60** Calendar days for Add Alternate #1 (Columbia Street and Columbia Court).

**110** Calendar days for Add Alternate #2 (Islington Street from Albany Street to Dover Street).

Final Completion

**60** Calendar days for **Total Project Substantial Completion** (excluding winter shutdown periods).

**8. Funding Requirements**

- Funded through local funds.
- Davis-Bacon Wage Rates do not apply
- ARRA By American Requirements do not apply
- MBE/WBE Requirements do not apply

**9. Prosecution of Work (Division 1 - Section POW)**

- Project specific requirements are included in Section POW of the project manual for the Contractor’s reference.

**10. Traffic Control (Item 619)**

- Islington Street is a densely populated commercial street/residential street and is a main traffic corridor in and out of the City
- Provide detailed traffic control plan (TCP) for approval prior to the start of work. Please note the following:
  - “Middle Street” identified as alternate route (See attached schematic)
  - One-way alternating traffic to the maximum extent practical. Detours (if required) will have to be approved by the City in advance as part of the TCP
  - Two-way traffic during non-working hours
  - Access to residential properties and businesses must be provided at all times:
    - Business open signs for all business when work is occurring in front of an entrance or entrances
    - During working hours, local traffic shall be accommodated as well as emergency vehicles, school busses, and trash removal vehicles
    - During non-working hours roads shall be open at all times to traffic.
    - All excavations shall be backfilled daily and it will not be acceptable to plate excavations overnight.

- Safe pedestrian corridors shall be maintained at all times
- Maintain traffic in accordance to approved plan
- Unit Item provided for portable changeable message boards. A minimum of two boards is anticipated but additional boards could be requested
- Uniformed Police Officers – Allowance Item
- Flaggers – Hourly Item
- See attached Alternate Routes Schematic for additional suggested signs other than typical work zone package to be part of the TCP

#### **11. Work Hours**

- The contract time for completion is based on work hours from 7 a.m. to 5 p.m. Work prior to 7 a.m. or after 5 p.m. will require approval by the City at least two weeks in advance

#### **12. Property Access**

- Maintain access to all properties at all times; prior notification and coordination with property owners is required for trenching in front of driveways.
- Contractors will be required to coordinate with business owners for all access needs throughout construction

#### **13. Community Information**

The Contractor is required to provide the following:

- Weekly: Prepare and post a map of work area 2-week projection
- Prepare a brief written narrative of upcoming work areas and schedules
  - This information will be posted on the City's website
- Attend public informational meetings. One meeting is anticipated at the beginning of each construction season

#### **14. Health and Safety Plan (Section 013710)**

The Contractor's Health and safety plan including confined spaced entry, air quality monitoring, shoring of trenches, and protocols for encountering of limited reuse soils shall be onsite and subject to review at the Engineer's or Owner's request.

#### **15. Geotechnical Report**

Geotechnical Report is included in Appendix A. Contractor should review construction considerations included in the geotechnical report.

#### **16. Blasting and Vibration Monitoring**

- Blasting, if performed, is subject to the City Blasting Ordinance
- Submittal of daily blasting reports will be required.
- Special care for historic buildings
- Any vibration monitoring completed for the purposes of blasting is considered subsidiary to the rock removal item and will not be considered for payment.

**17. Maintenance of Combined Sanitary and Storm Sewer Flows (Item #1)**

- Existing sewer lines will remain active until upstream facilities are constructed.
- Though most of the system is separated within the project area, combined sewers outside the project area may influence sewer systems on Islington Street making them susceptible to high flows during and following rain events. Contractor will need to consider weather when sequencing construction operations.
- Maintenance of existing flows (sewer, drainage, or combined systems) will be the Contractor's responsibility.
- Specifications for By-Pass Pumping and/or piping systems are included Section 01518.
- Short-term methods may be acceptable upon review and approval by the Engineer and/or Owner.
- Contractor's operations will include continuous maintenance of combined sewers until the new systems are installed and accepted.

**18. Utilities**

Gas

- Gas lines are owned by Unitil.
- Unitil has replaced existing gas mains with new 8" PE main on Islington Street. New mains were located taking the project into consideration and to avoid potential conflicts with proposed utilities to the greatest extent practical. Some conflicts may remain with existing plastic (PE) gas mains or gas services with less than 3-feet of cover.
- Coordination with Unitil will be required to complete vertical relocations and protect any existing gas main which may interfere with proposed work.
- *Select new services were installed using trenchless methods by pulling new service pipe through existing service laterals. Services that were installed in this manor may not have physical evidence (warning tape and sand blanket) of service installation visible.*

Other

- Underground telephone lines are located on Islington Street.
- Conflicts or excavation beneath unknown utilities not identified on the plans or in the contract documents may exist. Item 4C is provided to facilitate payment for additional service crossings or for main line utility crossings that are not shown on the drawings. Item 4D is for repairs to utilities not shown on the drawings and not marked in the field (DIGSAFE).

**19. Staging Area and Office Trailer**

- The Contractor must establish an appropriate staging area.
  - No staging area has been identified
- The Contractor may make arrangements with property owners for additional staging areas.

**20. Testing**

- Sewers and sewer manholes will be tested including all sewer laterals to the ROW (incidental).
- Water mains and services will be tested for pressure and bacteria requirements.
  - *The Contractor shall coordinate all testing with the City. Bacteriological testing services of new water mains will be provided by the City of Portsmouth Water Department. However, the Contractor will remain responsible for coordination of sampling in advance.*
- Drains are subject to visual observation and shall be cleaned prior to acceptance (incidental).

- Material and compaction testing will be completed of all aggregates under the direction of the Engineer. Contractor shall provide material samples and test reports as required.
- An allowance for soil and compaction testing is included in covered in Item 1.15E.

**21. Raising of Castings, Covers, and Grates**

- The Unit price for new structures (CB's, manholes) and valves includes the cost to raise structures once, to either base pavement elevation or finish pavement elevation, as directed by the Engineer.
- Items 1.5A, 2.5A, and 3.4A have been included to raise all new and existing structures a second time, to final grade if required. If structures are only raised once, these items will not be measured for payment.

**22. Re-Routing of Interior Plumbing**

- Backyard/cross country sewers are being abandoned and filled.
- Some houses will require interior plumbing modifications (Item 1.16)
  - Coordinate work with City's Contracted General Plumber.
  - Work with plumber to determine best location for new foundation penetration.
- Construct new sewer service on private property in the location determined in the field by the homeowner and the Engineer.
- Restoration of driveway and all landscape and hardscape areas impacted to existing conditions.

**23. Addendum No. 1**

Per the Add for Bid, Addenda will be posted for distribution on the City's website by Feb. 7<sup>th</sup> at 4:00 p.m. and at this time is expected to include the following:

- Pre-Bid Meeting Notes
- Revised Bid Schedule
- Clarification on traffic control requirements
- Miscellaneous revisions and modifications

**24. Questions**

Questions regarding the bidding documents will be received by will be received by Underwood Engineers until 1:00 PM, February 6<sup>th</sup>.

Q: Will hinged sewer rims be provided by the City?

A: *Yes, all hinged sewer manhole rims will be provided by the City at no expense to the Contractor.*

Q: Should temporary water service connections be made at the curb stop or at the spicket?

A: *All temporary water service connections shall be made at the curb stop. Addendum #1 will revise Section 01515 accordingly.*

Q: How does disposal of un-suitable roadbed materials get paid for?

A: *All unsuitable roadbed materials (asphalt, brick, and concrete) shall be subsidiary to Item 203.1 Common Excavation.*

Q: What is purpose of the temporary paving item.?

A: *Item 403.99, Temporary Bituminous Pavement, will be used on all disturbed areas subject to vehicular travel. Temporary Paving (trenches) shall be completed on Friday prior to weekend shutdown or the day prior to a holiday if work will be suspended for said holiday for longer than one (1) day during the week. See Addendum #1 for additional specification and requirements.*

Q: The plan shows 4” DI water services but no item is provided. How will these be paid?

A: *See addendum #1 for clarification*

**ISLINGTON CORRIDOR IMPROVEMENTS - PHASE 1  
PORTSMOUTH, NEW HAMPSHIRE**

**Pre-Bid Meeting  
Sign In Sheet**

680 Peverly Hill Road, Portsmouth, NH 03801  
January 29, 2019 at 2:00 P.M.

<u>Persons Attending:</u>	<u>Mailing Address:</u>	<u>Telephone/Cell and E-mail:</u>
Daniel J. Rochette, P.E. Underwood Engineers	25 Vaughan Mall Portsmouth, NH 03801	P: (603) 436-6192 F: (603) 431-4733 E: drochette@underwoodengineers.com
HERB SMITH JAMCO EXCAVATORS	84 EXETER RD S. HAMPTON NH 03827	C 603-231-6059 OFF 603-384-7664 HERB@JAMCOEXCAVATORS.COM
Nancy Bartlett NorthEast Earth Mechanics	159 Barnstead Rd Pittsfield, NH 03263	P: 603-435-7989 P: 603-435-7950 E: nancyb@neearth.com
MIKE THIBODEAU SARGENT CORP	378 BARNOCUM RD STILLWATER, ME 04468	P: 207-817-7550 F: 207-827-3148 E: MTHIBODEAU@SARGENT-CORP.COM
GARY LaBONTE ALBANESE Bros. Inc	P.O. Box 518 DRACUT MA 01826	P 978 454-8850 908-4464 E GLABONTE@ALBANESEBROS.COM
PETE LUCIANI ALBANESE D/S	66 SILVA LANE DRACUT, MA	PLUCIANO@ALBANESEDS.COM 978.937.0909 EXT 213
Anthony Ruggiero N. Gramese & Sons	59 Jefferson Ave Salem MA, 01901	0-781-592-8121 F-781-631-8466 info@ngramese.com

<u>Persons Attending:</u>	<u>Mailing Address:</u>	<u>Telephone/Cell and E-mail:</u>
Alan Pelletier	69 North Road Deerfield, NH	603-463-5450 apelletier@eastcoastsignal.com
BARNIE LEE	P.O. Box 202 512 RALPH ROAD CANANDA, NH 03034	603-483-2133 blee@severinotrucking.com
Bianca Severino	PU BOX 202 Lundia, NH 03034	603-483-2133 bseverino@severinotrucking.com
Scott Borneau S.V.R. Construction, Inc	PO Box 720 Rochester, NH 03866	603-332-4554 sborneau@svrconstruction.com



# ALTERNATE TRAFFIC ROUTE SCHEMATIC

Road Construction  
Islington Street  
Seek Alternate Routes

Work Zone

Road Construction  
Islington Street  
Use Middle Street and Middle  
Road for RT 33  
Businesses Open

Road Construction  
Islington Street  
Use Middle Road and Middle  
Street for Downtown  
Businesses Open

**"ALTERNATE  
ROUTE"**

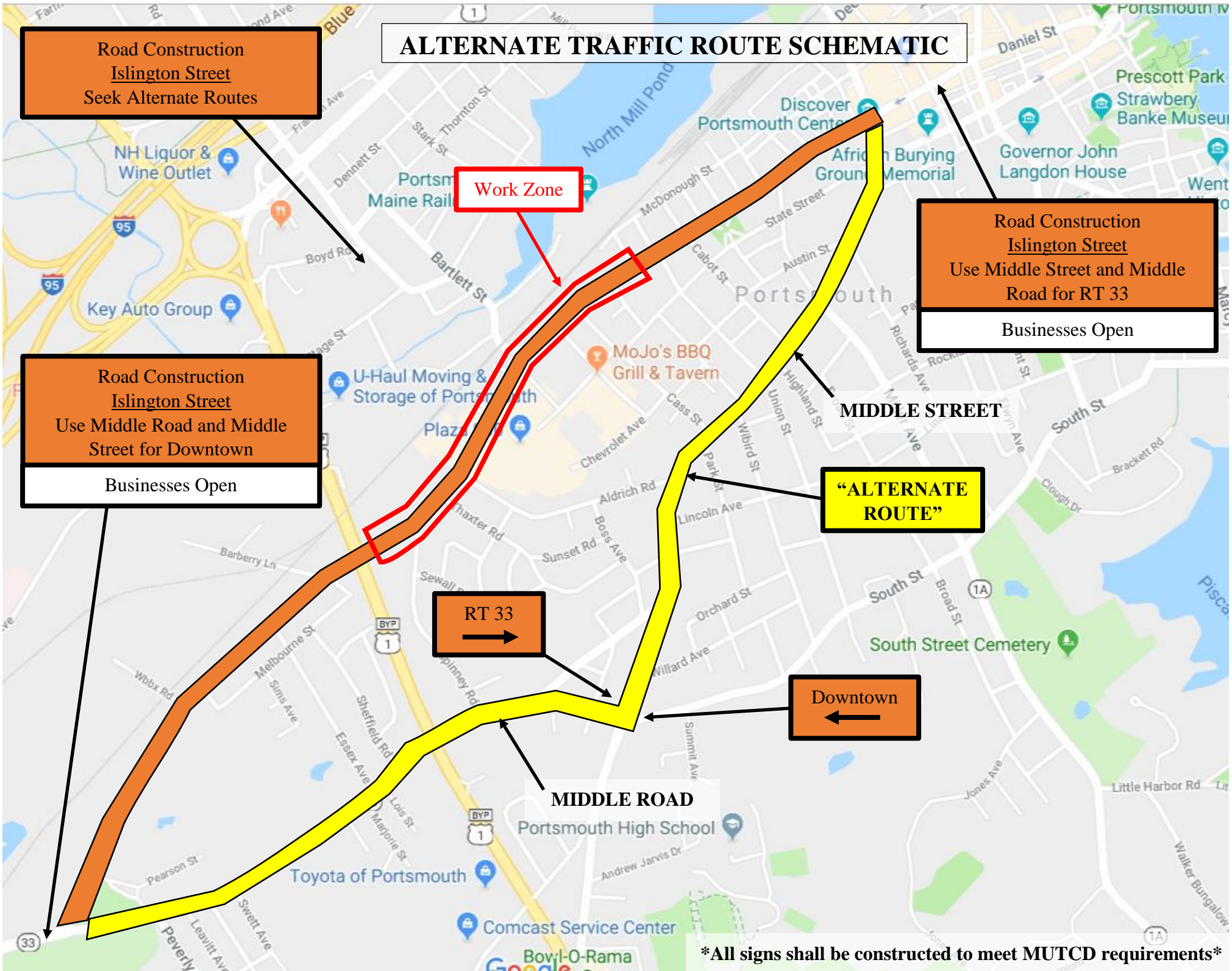
RT 33  
→

Downtown  
←

**MIDDLE ROAD**

**MIDDLE STREET**

\*All signs shall be constructed to meet MUTCD requirements\*





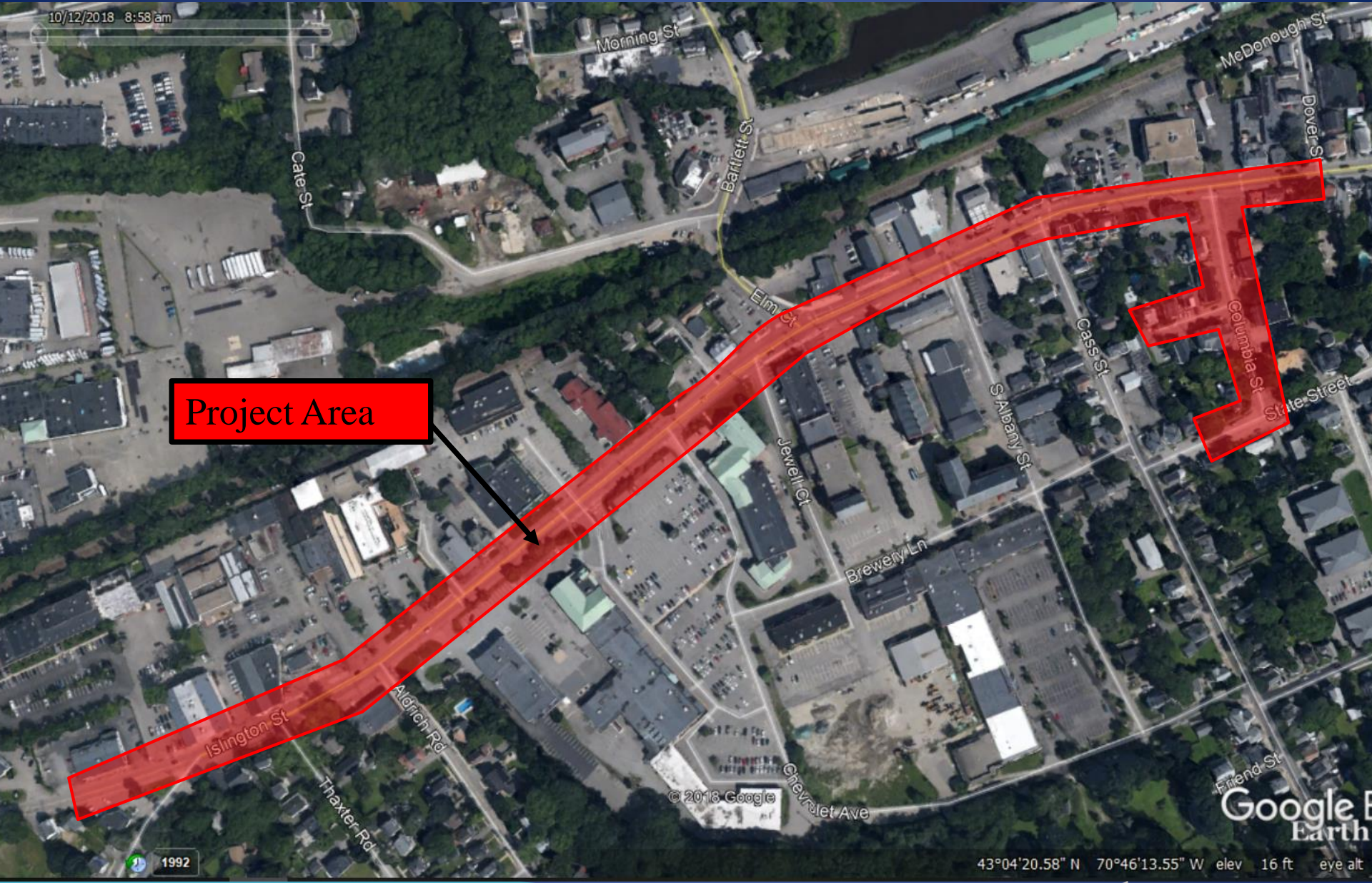
# Pre-Bid Meeting

(Mandatory)

## Islington Street Corridor Improvements – Phase 1

January 29, 2019

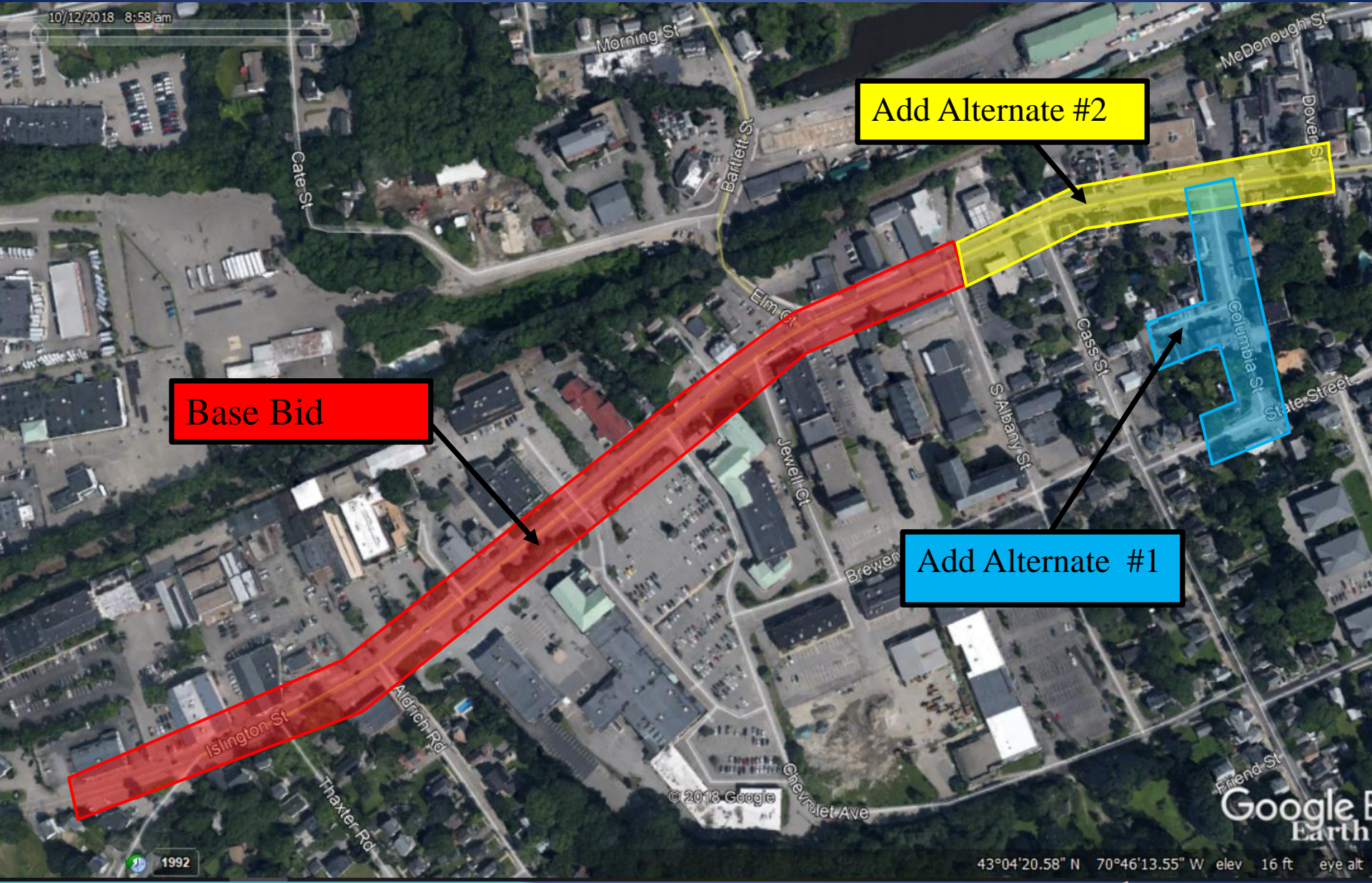




Project Area







Base Bid

Add Alternate #2

Add Alternate #1

# Bid Schedule

00200-3.14

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
603.82215	LF	15" polyethylene pipe (smooth interior)  Dollars and \$ _____ / LF Cents per _____	310	\$ _____	290	\$ _____	100	\$ _____
603.82218	LF	18" polyethylene pipe (smooth interior)  Dollars and \$ _____ / LF Cents per _____	400	\$ _____	240	\$ _____		\$ _____
603.82224	LF	24" polyethylene pipe (smooth interior)  Dollars and \$ _____ / LF Cents per _____	770	\$ _____		\$ _____		\$ _____
603.0033	LF	30" PVCSDR 35 Drain pipe  Dollars and \$ _____ / LF	270	\$ _____		\$ _____		\$ _____

		_____ Cents per						
619.1A	U	MAINTENANCE OF TRAFFIC (BASE BID)  Dollars and \$ _____ / U Cents per _____	1	\$ _____		\$ <u>N/A</u>		\$ <u>N/A</u>
619.1B	U	MAINTENANCE OF TRAFFIC (ADD ALT #1)  Dollars and \$ _____ / U Cents per _____		\$ <u>N/A</u>	1	\$ _____		\$ <u>N/A</u>
619.1C	U	MAINTENANCE OF TRAFFIC (ADD ALT #2)  Dollars and \$ _____ / U Cents per _____		\$ <u>N/A</u>		\$ <u>N/A</u>	1	\$ _____
619.253	WK	PORTABLE CHANGEABLE MESSAGE SIGN	50	\$ _____	18	\$ _____	26	\$ _____



# Alternate Route Schematic

Road Construction  
Islington Street  
Seek Alternate Routes

Work Zone

Road Construction  
Islington Street  
Use Middle Street and Middle Road for RT 33  
Businesses Open

Road Construction  
Islington Street  
Use Middle Road and Middle Street for Downtown  
Businesses Open

"ALTERNATE ROUTE"

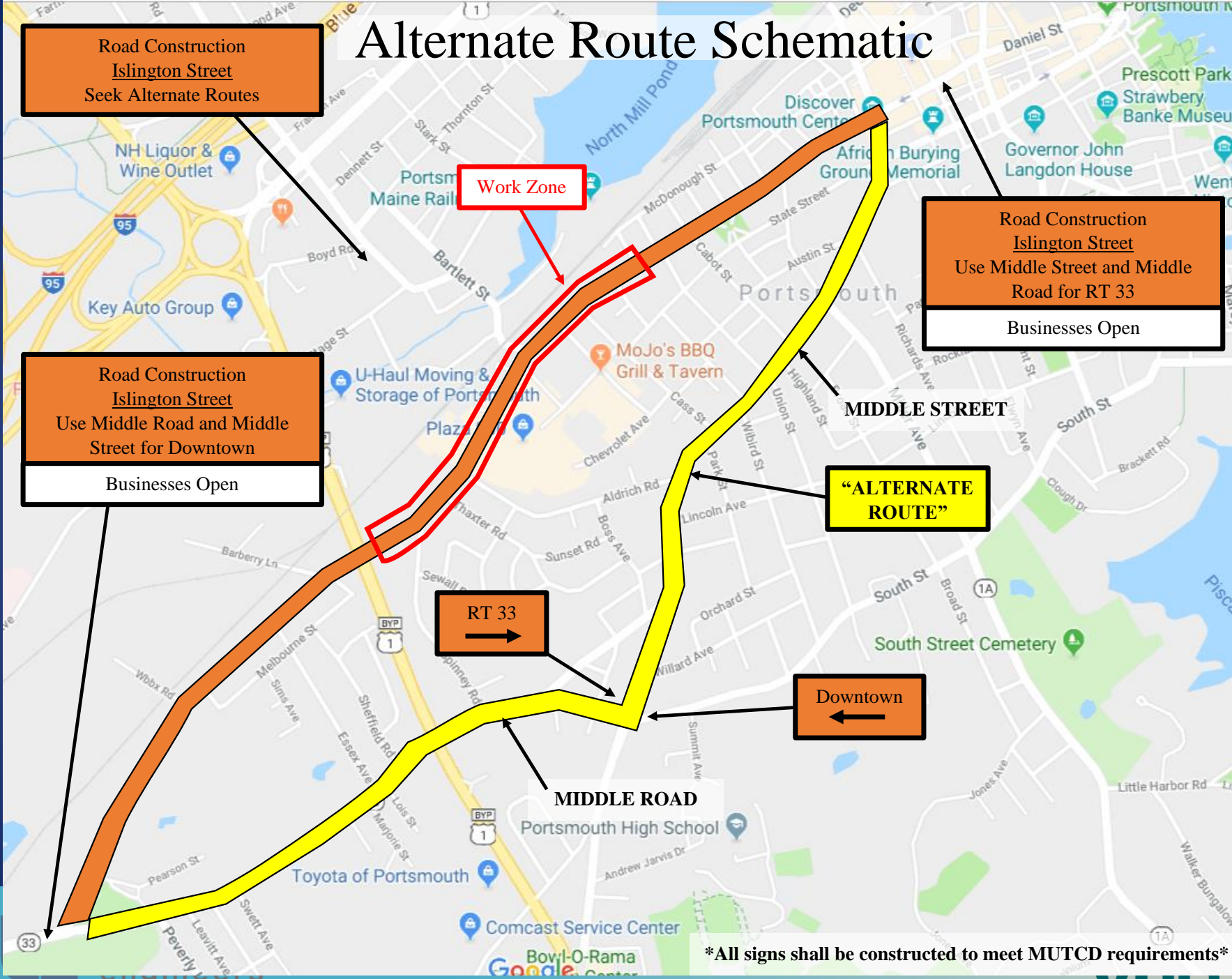
RT 33  
→

Downtown  
←

MIDDLE ROAD

MIDDLE STREET

\*All signs shall be constructed to meet MUTCD requirements\*



https://www.cityofportsmouth.com/finance/purchasing-bids-and-proposals

City of PORTSMOUTH NH | FINANCE DEPARTMENT

Documents Purchasing Assessor's Office Tax Resources Employee Benefits Contact

2019					
BID/PROPOSAL	DEADLINE ▼	ADDITIONAL INSTRUCTIONS	PRE-BID MEETING	ADDENDA	BID SUMMARY
<b>RFQ 34-19 Microtransit Service</b>	March 14, 2019				
<b>Bid 03-19 Islington Street Corridor Improvements Phase I</b>	February 14, 2019	<b>Plans</b>	January 29, 2019		
<b>Bid 31-19 2019 Ford F-150 SuperCab with 6 1/2' Box (re-bid Bid#24-19)</b>	January 30, 2019				
<b>Bid 28-19 Hoover/Taft Area Drainage Improvements</b>	January 24, 2019	<b>28-19 Plan Set</b>			
<b>Bid 25-19 Grafton Road Drinking Water Treatment Plant Upgrade</b>	January 22, 2019 2:00 p.m. The bid due date has been changed to January 22, 2018. The time remains the	The complete bid document can be found at: <a href="https://www.accentblueprints.com">https://www.accentblueprints.com</a> See bid invitation for more details.	December 5, 2018	<b>Addendum 1,</b> <b>Addendum 2,</b> <b>Addendum 3,</b> <b>Addendum 4,</b> <b>Addendum 5</b>	

<https://www.cityofportsmouth.com/finance/purchasing-bids-and-proposals>

ADDENDUM #1 - ATTACHMENT "B"

CONTRACTOR'S BID SCHEDULE

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
<b>SCHEDULE 1 - SEWER</b>								
1A	LS	Maintenance of combined sanitary and storm sewer flows (Base Bid):  _____ Dollars and \$ _____ / LS  _____ Cents per	1	\$ _____		\$ <u>N/A</u>		\$ <u>N/A</u>
1B	LS	Maintenance of combined sanitary and storm sewer flows (Add Alt #1):  _____ Dollars and \$ _____ / LS  _____ Cents per		\$ <u>N/A</u>	1	\$ _____		\$ <u>N/A</u>
1C	LS	Maintenance of combined sanitary and storm sewer flows (Add Alt #2):  _____ Dollars and \$ _____ / LS  _____ Cents per		\$ <u>N/A</u>		\$ <u>N/A</u>	1	\$ _____
1.1.06A	LF	6" PVC SDR 35 sewer service connection (City Right of Way):  _____ Dollars and \$ _____ / LF  _____ Cents per	540	\$ _____	290	\$ _____	360	\$ _____
1.1.06B	LF	6" PVC SDR 35 sewer service connection (Private Property):  _____ Dollars and \$ _____ / LF  _____ Cents per	10	\$ _____		\$ _____	465	\$ _____
1.1.06C	EA(*)	Sewer Service Chimneys:  _____ Dollars and \$ _____ / EA(*)  _____ Cents per	2	\$ _____		\$ _____	5	\$ _____
1.1.06D	EA	Furnish and install cast iron clean out covers:  _____ Dollars and \$ _____ / EA  _____ Cents per	26	\$ _____	12	\$ _____	15	\$ _____
1.1.08	LF	8" PVC SDR 35 Sewer Pipe:  _____ Dollars and \$ _____ / LF  _____ Cents per	130	\$ _____	300	\$ _____	370	\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
1.1.10	LF	10" PVC SDR 35 Sewer Pipe:  Dollars and \$ _____ / LF  Cents per	90	\$ _____		\$ _____		\$ _____
1.1.12	LF	12" PVC SDR 35 Sewer Pipe:  Dollars and \$ _____ / LF  Cents per		\$ _____		\$ _____		\$ _____
1.1.15	LF	15" PVC SDR 35 Sewer Pipe:  Dollars and \$ _____ / LF  Cents per	2,080	\$ _____	550	\$ _____	580	\$ _____
1.5.4	VF	4' DIA Sewer Manhole:  Dollars and \$ _____ / VF  Cents per	150	\$ _____	42	\$ _____	45	\$ _____
1.5.5	VF	5' DIA Sewer Manhole:  Dollars and \$ _____ / VF  Cents per	20	\$ _____	11	\$ _____	14	\$ _____
1.5A	EA	Additional adjustment of sewer manholes to final grade:  Dollars and \$ _____ / EA  Cents per	26	\$ _____	8	\$ _____	10	\$ _____
1.6	VF	Furnish and install inside drop structure for sewer manholes:  Dollars and \$ _____ / VF  Cents per	4	\$ _____	3	\$ _____	5	\$ _____
1.8A	LF(*)	Furnish and install geotextile wrap around sewer bedding:  Dollars and \$ _____ / LF(*)  Cents per	500	\$ _____	200	\$ _____	500	\$ _____



BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
1.8B	LF(*)	Furnish and install geogrid trench stabilization (\$8 Min):  Dollars and \$ _____ / LF(*)  Cents per _____	100	\$ _____	100	\$ _____	100	\$ _____
1.9A	EA(*)	Field core sewer manholes and foundations, 4" - 15" :  Dollars and \$ _____ / EA(*)  Cents per _____	2	\$ _____	1	\$ _____	4	\$ _____
1.9B	EA(*)	Field core sewer manholes, 18" - 30" :  Dollars and \$ _____ / EA(*)  Cents per _____	1	\$ _____	1	\$ _____	1	\$ _____
1.9C	EA(*)	Field core foundation penetration through stone or granite:  Dollars and \$ _____ / EA(*)  Cents per _____	1	\$ _____	1	\$ _____	1	\$ _____
1.1	EA	Remove existing sewer manholes:  Dollars and \$ _____ / EA  Cents per _____	5	\$ _____	2	\$ _____	2	\$ _____
1.11	CY(*)	Furnish and install flowable fill where directed:  Dollars and \$ _____ / CY(*)  Cents per _____	65	\$ _____	35	\$ _____	15	\$ _____
1.12	LF	Wellpoint dewatering system:  Dollars and \$ _____ / LF  Cents per _____	500	\$ _____		\$ _____		\$ _____
1.13	SF	Sheeting  Dollars and \$ _____ / SF  Cents per _____	500	\$ _____		\$ _____		\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
1.15A	LS	Health & Safety Plan  Dollars and \$ _____ / LS  Cents per	1	\$ _____		\$ _____		\$ _____
1.15B.A	LS	Management of Soils & Materials (Base Bid)  Dollars and \$ _____ / LS  Cents per	1	\$ _____		\$ <u>N/A</u>		\$ <u>N/A</u>
1.15B.B	LS	Management of Soils & Materials (Add Alt #1)  Dollars and \$ _____ / LS  Cents per		\$ <u>N/A</u>	1	\$ _____		\$ <u>N/A</u>
1.15B.C	LS	Management of Soils & Materials (Add Alt #2)  Dollars and \$ _____ / LS  Cents per		\$ <u>N/A</u>		\$ <u>N/A</u>	1	\$ _____
1.15C	Ton(*)	Load and Haul Surplus Regulated Soils & Materials (where directed)  Dollars and \$ _____ / Ton(*)  Cents per	900	\$ _____	200	\$ _____	900	\$ _____
1.15D	Ton(*)	Disposal of Surplus Regulated Soils & Materials (where directed)  Dollars and \$ _____ / Ton(*)  Cents per	900	\$ _____	200	\$ _____	900	\$ _____
1.15E.A	Allow	Analytical Testing of Soils (where directed)  <b>Ten Thousand</b> Dollars and <b>Zero</b> Cents per	1	<b>\$10,000</b> / Allow		\$ <u>N/A</u>		\$ <u>N/A</u>
1.15E.B	Allow	Analytical Testing of Soils (where directed)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per		<b>\$5,000</b> / Allow		\$ <u>N/A</u>	1	<b>\$5,000</b>  \$ <u>N/A</u>

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
1.15E.C	Allow	Analytical Testing of Soils (where directed)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per  <b>\$5,000</b> / Allow		\$ <u>N/A</u>		\$ <u>N/A</u>	1	<b>\$5,000</b>
1.15F.A	Allow	Disposal of Regulated Groundwater (where directed)  <b>Ten Thousand</b> Dollars and <b>Zero</b> Cents per  <b>\$10,000</b> / Allow	1	<b>\$10,000</b>		\$ <u>N/A</u>		\$ <u>N/A</u>
1.15F.B	Allow	Disposal of Regulated Groundwater (where directed)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per  <b>\$5,000</b> / Allow		\$ <u>N/A</u>	1	<b>\$5,000</b>		\$ <u>N/A</u>
1.15F.C	Allow	Disposal of Regulated Groundwater (where directed)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per  <b>\$5,000</b> / Allow		\$ <u>N/A</u>		\$ <u>N/A</u>	1	<b>\$5,000</b>
1.16A	Allow	Rework Interior Plumbing:  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per  <b>\$5,000</b> / Allow	1	<b>\$5,000</b>		\$ <u>N/A</u>		\$ <u>N/A</u>
1.16B	Allow	Rework Interior Plumbing:  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per  <b>\$5,000</b> / Allow		\$ <u>N/A</u>	1	<b>\$5,000</b>		\$ <u>N/A</u>
1.16C	Allow	Rework Interior Plumbing:  <b>Ten Thousand</b> Dollars and <b>Zero</b> Cents per  <b>\$10,000</b> / Allow		\$ <u>N/A</u>		\$ <u>N/A</u>	1	<b>\$10,000</b>
1.17	LF	Post Construction Video of Sewer Mains  Dollars and \$ _____ / LF  Cents per	2,300	\$ _____	850	\$ _____	950	\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
1.18	EA	Locate Existing Sewer Services by Video Inspection, Transmitter and Locator:  Dollars and \$ _____ / EA  Cents per	30	\$ _____	15	\$ _____	17	\$ _____
<b>SUB-TOTAL SCHEDULE #1</b>				\$ _____		\$ _____		\$ _____
<b>SCHEDULE 2 - WATER</b>								
3.1.04	LF	4" diameter ductile iron water service piping  Dollars and \$ _____ / LF  Cents per	200	\$ _____		\$ _____		\$ _____
3.1.06	LF(*)	6" diameter ductile iron watermain (Pipe Supplied by City)  Dollars and \$ _____ / LF(*)  Cents per	180	\$ _____	200	\$ _____	100	\$ _____
3.1.08	LF	8" diameter ductile iron watermain  Dollars and \$ _____ / LF  Cents per	200	\$ _____	540	\$ _____	40	\$ _____
3.1.10	LF	10" diameter ductile iron watermain  Dollars and \$ _____ / LF  Cents per	30	\$ _____		\$ _____	20	\$ _____
3.1.12	LF	12" diameter ductile iron watermain  Dollars and \$ _____ / LF  Cents per	30	\$ _____		\$ _____	20	\$ _____
3.1.16	LF	16" diameter ductile iron watermain  Dollars and \$ _____ / LF  Cents per	2,080	\$ _____		\$ _____	850	\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
3.2.1	LF	1" copper water service pipe  Dollars and \$ _____ / LF  Cents per _____	400	\$ _____	290	\$ _____	400	\$ _____
3.2.1.5	LF	1.5" copper water service pipe  Dollars and \$ _____ / LF  Cents per _____	110	\$ _____		\$ _____	20	\$ _____
3.2.2	LF	2" copper water service pipe  Dollars and \$ _____ / LF  Cents per _____	210	\$ _____		\$ _____	30	\$ _____
3.3.1	EA	1" water service connections  Dollars and \$ _____ / EA  Cents per _____	16	\$ _____	14	\$ _____	17	\$ _____
3.3.1.5	EA	1.5" water service connection  Dollars and \$ _____ / EA  Cents per _____	5	\$ _____	1	\$ _____	2	\$ _____
3.3.2	EA	2" water service connection  Dollars and \$ _____ / EA  Cents per _____	8	\$ _____	1	\$ _____	3	\$ _____
3.4.04	EA	4" gate valve assembly  Dollars and \$ _____ / EA  Cents per _____	4	\$ _____		\$ _____		\$ _____
3.4.06	EA	6" gate valve assembly  Dollars and \$ _____ / EA  Cents per _____	3	\$ _____	1	\$ _____	3	\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
3.4.08	EA	8" gate valve assembly  Dollars and \$ _____ / EA  Cents per	9	\$ _____	7	\$ _____		\$ _____
3.4.12	EA	12" gate valve assembly  Dollars and \$ _____ / EA  Cents per	1	\$ _____		\$ _____		\$ _____
3.4.16	EA	16" butterfly valve assembly  Dollars and \$ _____ / EA  Cents per	7	\$ _____		\$ _____	5	\$ _____
3.4A	EA	Additional adjustment of valve covers and water shut off valves  Dollars and \$ _____ / EA  Cents per	42	\$ _____	24	\$ _____	30	\$ _____
3.5A	EA	Fire Hydrant assembly  Dollars and \$ _____ / EA  Cents per	3	\$ _____		\$ _____	2	\$ _____
3.5B	EA	Yard Hydrant Assembly  Dollars and \$ _____ / EA  Cents per		\$ _____	1	\$ _____		\$ _____
3.7A	LF	Temporary water system (potable)  Dollars and \$ _____ / LF  Cents per	2,150	\$ _____	640	\$ _____	850	\$ _____
3.7B	EA	Temporary water service connections (up to 2" dia)  Dollars and \$ _____ / EA  Cents per	26	\$ _____	15	\$ _____	18	\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO		
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	
3.7C	EA	Temporary water service connections (4" dia and greater)  Dollars and \$ _____ / EA  Cents per _____	13	\$ _____		\$ _____	2	\$ _____	
<b>SUB-TOTAL SCHEDULE #2</b>				\$ _____		\$ _____		\$ _____	
<b>SCHEDULE 3 - DRAINAGE</b>									
202.41	LF(*)	Removal of existing drain pipe  Dollars and \$ _____ / LF(*)  Cents per _____	300	\$ _____	100	\$ _____	100	\$ _____	
202.43	LF(*)	Removal of existing asbestos cement (AC) pipe, all sizes  Dollars and \$ _____ / LF(*)  Cents per _____	250	\$ _____	50	\$ _____	100	\$ _____	
202.5	EA	Removal of existing drain manholes and catch basins  Dollars and \$ _____ / EA  Cents per _____	10	\$ _____	2	\$ _____	2	\$ _____	
593.211	SY(*)	Class 1 Non-Woven Geotextile  Dollars and \$ _____ / SY(*)  Cents per _____	400	\$ _____	200	\$ _____	200	\$ _____	
603.0001	LF	Video Inspection of Drain lines, where directed  Dollars and \$ _____ / LF  Cents per _____	2,270	\$ _____	750	\$ _____	560	\$ _____	
603.31	EA	Cast iron downspout boots  Dollars and \$ _____ / EA  Cents per _____	35	\$ _____		\$ _____	17	\$ _____	
603.82206	LF(*)	6" polyethylene pipe - laterals (smooth interior)  Dollars and \$ _____ / LF(*)  Cents per _____	570	\$ _____	520	\$ _____	770	\$ _____	

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
603.82212	LF	12" polyethylene pipe (smooth interior)  Dollars and \$ _____ / LF  Cents per _____	520	\$ _____	220	\$ _____	460	\$ _____
603.82215	LF	15" polyethylene pipe (smooth interior)  Dollars and \$ _____ / LF  Cents per _____	310	\$ _____	290	\$ _____	100	\$ _____
603.82218	LF	18" polyethylene pipe (smooth interior)  Dollars and \$ _____ / LF  Cents per _____	400	\$ _____	240	\$ _____		\$ _____
603.82224	LF	24" polyethylene pipe (smooth interior)  Dollars and \$ _____ / LF  Cents per _____	770	\$ _____		\$ _____		\$ _____
603.0033	LF	30" PVCSDR 35 Drain pipe  Dollars and \$ _____ / LF  Cents per _____	270	\$ _____		\$ _____		\$ _____
604.0007	EA	Polyethylene Liners  Dollars and \$ _____ / EA  Cents per _____	26	\$ _____	7	\$ _____	5	\$ _____
604.0008	EA	Catch Basin Hoods (12" to 18" diameter)  Dollars and \$ _____ / EA  Cents per _____	26	\$ _____	7	\$ _____	5	\$ _____
604.124	VF	Catch basin type B - 4' Dia  Dollars and \$ _____ / VF  Cents per _____	200	\$ _____	43	\$ _____	24	\$ _____



BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
604.184	VF	Catch basin with curb inlet - 4' dia  Dollars and \$ _____ / VF  Cents per _____	8	\$ _____		\$ _____	15	\$ _____
604.125	VF	Catch basin type B - 5' Dia  Dollars and \$ _____ / VF  Cents per _____	8	\$ _____		\$ _____		\$ _____
604.242	VF	2' Dia Drop inlet type B  Dollars and \$ _____ / VF  Cents per _____	14	\$ _____	8	\$ _____	8	\$ _____
604.324	VF	4' Dia drain manhole (includes frame and cover)  Dollars and \$ _____ / VF  Cents per _____	45	\$ _____	15	\$ _____	25	\$ _____
604.325	VF	5' Dia drain manhole (includes frame and cover)  Dollars and \$ _____ / VF  Cents per _____	28	\$ _____		\$ _____		\$ _____
604.4	VF	ReConstructing/Adjust existing catch basins  Dollars and \$ _____ / VF  Cents per _____	5	\$ _____	5	\$ _____		\$ _____
604.5	VF	ReConstructing/Adjust existing manholes  Dollars and \$ _____ / VF  Cents per _____	15	\$ _____	1	\$ _____	5	\$ _____
604.62	EA	Remove CB frame and grate and replace with DMH cover  Dollars and \$ _____ / EA  Cents per _____	4	\$ _____		\$ _____		\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
604.71	EA	Remove CB frame and grate and replace with curb inlet assembly  Dollars and \$ _____ / EA  Cents per _____	2	\$ _____		\$ _____	1	\$ _____
604.811	EA(*)	Field Core Catch Basins or Manholes (up tp 18" dia.)  Dollars and \$ _____ / EA(*)  Cents per _____	8	\$ _____	1	\$ _____	1	\$ _____
604.821	EA(*)	Field Core exst. pipe and Install Insert Tee (up to 10" dia. connection)  Dollars and \$ _____ / EA(*)  Cents per _____	5	\$ _____		\$ _____	1	\$ _____
604.822	EA(*)	Field Core exst. pipe and Install Insert Tee (12" to 15" dia. connection)  Dollars and \$ _____ / EA(*)  Cents per _____	5	\$ _____		\$ _____		\$ _____
604.831	EA(*)	Field Core exst. AC Pipe, install Insert Tee (up to 10" dia. connection)  Dollars and \$ _____ / EA(*)  Cents per _____	15	\$ _____		\$ _____		\$ _____
604.832	EA(*)	Field Core exst. AC Pipe, install Insert Tee (12" to 15" dia. connection)  Dollars and \$ _____ / EA(*)  Cents per _____	2	\$ _____		\$ _____		\$ _____
<b>SUB-TOTAL SCHEDULE #3</b>				\$ _____		\$ _____		\$ _____
<b>SCHEDULE 4 - ROADWAY</b>								
201.1	A	CLEARING AND GRUBBING  Dollars and \$ _____ / A  Cents per _____	0.2	\$ _____		\$ _____		\$ _____
203.1	CY	COMMON EXCAVATION  Dollars and \$ _____ / CY  Cents per _____	10,400	\$ _____	1,900	\$ _____	3,900	\$ _____

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			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
304.3	CY	CRUSHED GRAVEL (F)  Dollars and \$ _____ / CY  Cents per _____	7,150	\$ _____	1,405	\$ _____	3,000	\$ _____
403.11	TON	HOT BITUMINOUS PAVEMENT, MACHINE METHOD  Dollars and \$ _____ / TON  Cents per _____	3,020	\$ _____	525	\$ _____	1,110	\$ _____
403.12	TON	HOT BITUMINOUS PAVEMENT, HAND METHOD  Dollars and \$ _____ / TON  Cents per _____	720	\$ _____	125	\$ _____	260	\$ _____
403.6	LF	PAVEMENT JOINT ADHESIVE  Dollars and \$ _____ / LF  Cents per _____	2,500	\$ _____	700	\$ _____	1,000	\$ _____
403.99	TON	TEMPORARY BITUMINOUS PAVEMENT  Dollars and \$ _____ / TON  Cents per _____	575	\$ _____	125	\$ _____	175	\$ _____
410.22	GAL	ASPHALT EMULSION FOR TACK COAT  Dollars and \$ _____ / GAL  Cents per _____	500	\$ _____	120	\$ _____	180	\$ _____
417	SY	COLD PLANING BITUMINOUS SURFACES  Dollars and \$ _____ / SY  Cents per _____	1,010	\$ _____		\$ _____	450	\$ _____
616.191	LS	TRAFFIC SIGNAL MODIFICATIONS AT BARTLETT STREET  Dollars and \$ _____ / LS  Cents per _____	1	\$ _____		\$ _____		\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
632.0104	LF	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE  Dollars and \$ _____ / LF  Cents per _____	8,200	\$ _____	50	\$ _____	2,300	\$ _____
633.0106	LF	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE  Dollars and \$ _____ / LF  Cents per _____	1,560	\$ _____		\$ _____	270	\$ _____
632.0112	LF	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE  Dollars and \$ _____ / LF  Cents per _____	1,720	\$ _____		\$ _____	325	\$ _____
632.02	SF	RETROREFLECTIVE PAINT PAVE. MARKING, SYMBOL OR WORD  Dollars and \$ _____ / SF  Cents per _____	520	\$ _____		\$ _____		\$ _____
632.3112	LF	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 12" LINE  Dollars and \$ _____ / LF  Cents per _____	1,720	\$ _____	170	\$ _____	325	\$ _____
632.32	SF	RETROREFLECTIVE THERMOPLASTIC, SYMBOL OR WORD  Dollars and \$ _____ / SF  Cents per _____	520	\$ _____		\$ _____		\$ _____
1010.2A	Allow	ASPHALT CEMENT ADJUSTMENT (BASE BID)  Dollars and <b>\$15,000</b> / Allow  Cents per _____	1	<b>\$15,000</b>		\$ <u>N/A</u>		\$ <u>N/A</u>
1010.2B	Allow	ASPHALT CEMENT ADJUSTMENT (ADD ALT #1)  Dollars and <b>\$5,000</b> / Allow  Cents per _____		\$ <u>N/A</u>	1	<b>\$5,000</b>		\$ <u>N/A</u>

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
1010.2C	Allow	ASPHALT CEMENT ADJUSTMENT (ADD ALT #2)  Dollars and \$10,000 / Allow  Cents per		\$ N/A		\$ N/A	1	\$10,000
SUB-TOTAL SCHEDULE #4				\$		\$		\$
<b>SCHEDULE 5 - SIDEWALK AND LANDSCAPE</b>								
608.12	SY	2" BITUMINOUS SIDEWALK  Dollars and \$ / SY  Cents per	3	\$		\$	9	\$
608.249	SY	BRICK SIDEWALK  Dollars and \$ / SY  Cents per	850	\$	117	\$	420	\$
608.259	SY	Granite cobble Stones  Dollars and \$ / SY  Cents per	82	\$		\$		\$
608.35	SY	5-IN REINFORCED CONCRETE SIDEWALK  Dollars and \$ / SY  Cents per	1,390	\$	390	\$	550	\$
608.36	SY	6-IN REINFORCED CONCRETE SIDEWALK  Dollars and \$ / SY  Cents per	642	\$	165	\$	390	\$
608.54	SY	DETECTABLE WARNING DEVICES, CAST IRON  Dollars and \$ / SY  Cents per	37	\$	5	\$	12	\$
608.99	CY	REINFORCED CONCRETE STEPS  Dollars and \$ / CY  Cents per	3	\$		\$		\$

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
609.01	LF	STRAIGHT GRANITE CURB  Dollars and \$ _____ / LF  Cents per _____	3,845	\$ _____	785	\$ _____	670	\$ _____
609.02	LF	CURVED GRANITE CURB  Dollars and \$ _____ / LF  Cents per _____	580	\$ _____	50	\$ _____	310	\$ _____
609.21	LF	STRAIGHT GRANITE SLOPE CURB  Dollars and \$ _____ / LF  Cents per _____	200	\$ _____		\$ _____		\$ _____
609.23	LF	CURVED GRANITE SLOPE CURB  Dollars and \$ _____ / LF  Cents per _____	45	\$ _____		\$ _____		\$ _____
609.5	LF (*)	RESET GRANITE CURB  Dollars and \$ _____ / LF (*)  Cents per _____	200	\$ _____		\$ _____	400	\$ _____
609.7	EA	TRANSITION CURB TO SLOPED GURB  Dollars and \$ _____ / EA  Cents per _____	8	\$ _____		\$ _____		\$ _____
609.812	LF	BITUMINOUS CURB, TYPE A  Dollars and \$ _____ / LF  Cents per _____	12	\$ _____		\$ _____	120	\$ _____
614.511	EA	Concrete Pull boxes  Dollars and \$ _____ / EA  Cents per _____	5	\$ _____		\$ _____		\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
614.7214	LF	2" PVC PLASTIC CONDUIT, SCHEDULE 40  Dollars and \$ _____ / LF  Cents per _____	3,180	\$ _____		\$ _____	1,660	\$ _____
614.7218	LF	2" PVC PLASTIC CONDUIT, SCHEDULE 80  Dollars and \$ _____ / LF  Cents per _____	275	\$ _____		\$ _____	235	\$ _____
614.7314	LF	3" PVC PLASTIC CONDUIT, SCHEDULE 40  Dollars and \$ _____ / LF  Cents per _____	70	\$ _____		\$ _____		\$ _____
614.7318	LF	3" PVC PLASTIC CONDUIT, SCHEDULE 80  Dollars and \$ _____ / LF  Cents per _____	260	\$ _____		\$ _____		\$ _____
615.02	SF	TRAFFIC SIGN TYPE B  Dollars and \$ _____ / SF  Cents per _____	10	\$ _____	7	\$ _____	7	\$ _____
615.023	U	REMOVING TRAFFIC SIGN TYPE B  Dollars and \$ _____ / U  Cents per _____	1	\$ _____	1	\$ _____	1	\$ _____
615.03	SF	TRAFFIC SIGN TYPE C  Dollars and \$ _____ / SF  Cents per _____	164	\$ _____	14	\$ _____	43	\$ _____
615.033	U	REMOVING TRAFFIC SIGN TYPE C  Dollars and \$ _____ / U  Cents per _____	12	\$ _____	3	\$ _____	7	\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
615.034	U	RELOCATING TRAFFIC SIGN TYPE C  Dollars and \$ _____ / U  Cents per _____	1	\$ _____	1	\$ _____	1	\$ _____
615.05	SF	TRAFFIC SIGN TYPE BB  Dollars and \$ _____ / SF  Cents per _____	20	\$ _____	7	\$ _____	4	\$ _____
615.053	U	REMOVING TRAFFIC SIGN TYPE BB  Dollars and \$ _____ / U  Cents per _____	6	\$ _____		\$ _____	2	\$ _____
615.054	U	RELOCATING TRAFFIC SIGN TYPE BB  Dollars and \$ _____ / U  Cents per _____	2	\$ _____		\$ _____	1	\$ _____
615.06	SF	TRAFFIC SIGN TYPE CC  Dollars and \$ _____ / SF  Cents per _____	36	\$ _____	8	\$ _____		\$ _____
615.063	U	REMOVING TRAFFIC SIGN TYPE CC  Dollars and \$ _____ / U  Cents per _____	13	\$ _____	2	\$ _____	2	\$ _____
615.064	U	RELOCATING TRAFFIC SIGN TYPE CC  Dollars and \$ _____ / U  Cents per _____	1	\$ _____		\$ _____	2	\$ _____
625.2	EA	LIGHT POLE BASE  Dollars and \$ _____ / EA  Cents per _____	25	\$ _____		\$ _____	12	\$ _____



BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO		
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	
650.2A	Allow	LANDSCAPING (BASE BID)  <b>Thirty Thousand</b> Dollars and <b>Zero</b> Cents per	\$30,000 / Allow	1	\$30,000		\$ <u>N/A</u>		\$ <u>N/A</u>
650.2B	Allow	LANDSCAPING (BASE BID)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per	\$5,000 / Allow		\$ <u>N/A</u>	1	\$5,000		\$ <u>N/A</u>
650.2C	Allow	LANDSCAPING (BASE BID)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per	\$25,000 / Allow		\$ <u>N/A</u>		\$ <u>N/A</u>	1	\$25,000
665.17	EA	STREET LIGHT POLE AND FIXTURE  _____ Dollars and _____ Cents per	\$ _____ / EA	25	\$ _____		\$ _____	12	\$ _____
665.18	EA	STREET LIGHTING CONTROL CABINET WITH FOUNDATION  _____ Dollars and _____ Cents per	\$ _____ / EA	1	\$ _____		\$ _____	1	\$ _____
670.42	EA	CONCRETE FILLED BOLLARDS  _____ Dollars and _____ Cents per	\$ _____ / EA	3	\$ _____	2	\$ _____		\$ _____
800.1	EA	TREE GRATE  _____ Dollars and _____ Cents per	\$ _____ / EA	17	\$ _____	7	\$ _____	18	\$ _____
800.2	EA	GRANITE PLANTER  _____ Dollars and _____ Cents per	\$ _____ / EA	8	\$ _____		\$ _____	5	\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
800.3	U	TREE PLANTING SOIL VOLUME CELLS (SILVA CELLS)  Dollars and \$ _____ / U  Cents per _____	100	\$ _____	28	\$ _____	92	\$ _____
800.4	EA	TREE GUARD  Dollars and \$ _____ / EA  Cents per _____	17	\$ _____	7	\$ _____	18	\$ _____
800.5	EA	BICYCLE RACKS  Dollars and \$ _____ / EA  Cents per _____	1	\$ _____		\$ _____		\$ _____
800.6	EA	BENCH  Dollars and \$ _____ / EA  Cents per _____	3	\$ _____		\$ _____		\$ _____
800.7	EA	TRASH RECEPTACLE  Dollars and \$ _____ / EA  Cents per _____	3	\$ _____		\$ _____	1	\$ _____
800.8	EA	RECYCLE RECEPTACLE  Dollars and \$ _____ / EA  Cents per _____	2	\$ _____		\$ _____	1	\$ _____
<b>SUB-TOTAL SCHEDULE #5</b>				\$ _____		\$ _____		\$ _____
<b>SCHEDULE 6 - COMMON</b>								
618.61A	Allow	UNIFORMED OFFICERS WITH VEHICLE (BASE BID)  <b>One Hundred Forty Thousand</b> Dollars and <b>Zero</b> Cents per	1	<b>\$140,000</b> / Allow		\$ <u>N/A</u>		\$ <u>N/A</u>

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
618.61B	Allow	UNIFORMED OFFICERS WITH VEHICLE (ADD ALT #1)  <b>Seven Thousand Five Hundred</b> Dollars and <b>Zero</b> Cents per \$7,500 / Allow		\$ <u>N/A</u>	1	\$7,500		\$ <u>N/A</u>
618.61C	Allow	UNIFORMED OFFICERS WITH VEHICLE (ADD ALT #2)  <b>Forty Five Thousand</b> Dollars and <b>Zero</b> Cents per \$45,000 / Allow		\$ <u>N/A</u>		\$ <u>N/A</u>	1	\$45,000
618.7	HR	FLAGGERS  Dollars and \$ _____ / HR  Cents per	5,500	\$ _____	2,220	\$ _____	3,320	\$ _____
619.1A	U	MAINTENANCE OF TRAFFIC (BASE BID)  Dollars and \$ _____ / U  Cents per	1	\$ _____		\$ <u>N/A</u>		\$ <u>N/A</u>
619.1B	U	MAINTENANCE OF TRAFFIC (ADD ALT #1)  Dollars and \$ _____ / U  Cents per		\$ <u>N/A</u>	1	\$ _____		\$ <u>N/A</u>
619.1C	U	MAINTENANCE OF TRAFFIC (ADD ALT #2)  Dollars and \$ _____ / U  Cents per		\$ <u>N/A</u>		\$ <u>N/A</u>	1	\$ _____
619.253	WK	PORTABLE CHANGEABLE MESSAGE SIGN  Dollars and \$ _____ / WK  Cents per	50	\$ _____	18	\$ _____	26	\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
622.4	EA	Stone Bounds Dollars and \$ _____ / EA Cents per _____	12	\$ _____		\$ _____		\$ _____
622.52	EA	RESETTING BOUNDS Dollars and \$ _____ / EA Cents per _____	4	\$ _____	4	\$ _____	4	\$ _____
628.3	LF	SAWED PAVEMENT Dollars and \$ _____ / LF Cents per _____	2,195	\$ _____	700	\$ _____	645	\$ _____
645.154	SY	BARK MULCH 4 INCHES DEEP Dollars and \$ _____ / SY Cents per _____	25	\$ _____		\$ _____		\$ _____
645.7A	U	STORM WATER POLLUTION PREVENTION PLAN (BASE BID) Dollars and \$ _____ / U Cents per _____	1	\$ _____		\$ <u>N/A</u>		\$ <u>N/A</u>
645.7B	U	STORM WATER POLLUTION PREVENTION PLAN (ADD ALT #1) Dollars and \$ _____ / U Cents per _____		\$ <u>N/A</u>	1	\$ _____		\$ <u>N/A</u>
645.7C	U	STORM WATER POLLUTION PREVENTION PLAN (ADD ALT #2) Dollars and \$ _____ / U Cents per _____		\$ <u>N/A</u>		\$ <u>N/A</u>	1	\$ _____
645.71	HR	MONITORING SWPP AND EROSION AND SEDIMENT CONTROLS Dollars and \$ _____ / HR Cents per _____	150	\$ _____	20	\$ _____	90	\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
646.51	SY	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM  Dollars and \$ _____ / SY  Cents per _____	680	\$ _____	45	\$ _____	30	\$ _____
692A	U	MOBILIZATION (BASE BID) (12% max)  Dollars and \$ _____ / U  Cents per _____	1	\$ _____		\$ <u>N/A</u>		\$ <u>N/A</u>
692B	U	MOBILIZATION (ADD ALT #1) (12% max)  Dollars and \$ _____ / U  Cents per _____		\$ <u>N/A</u>	1	\$ _____		\$ <u>N/A</u>
692C	U	MOBILIZATION (ADD ALT #2) (12% max)  Dollars and \$ _____ / U  Cents per _____		\$ <u>N/A</u>		\$ <u>N/A</u>	1	\$ _____
698	MO	FIELD OFFICE  Dollars and \$ _____ / MO  Cents per _____	12	\$ _____	4	\$ _____	6	\$ _____
4A.A	Allow	Vibration Monitoring (Base Bid)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per	1	<b>\$5,000</b> / Allow		\$ <u>N/A</u>		\$ <u>N/A</u>
4A.B	Allow	Vibration Monitoring (Add Alt #1)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per		<b>\$5,000</b> / Allow	1	<b>\$5,000</b>		\$ <u>N/A</u>
4A.C	Allow	Vibration Monitoring (Add Alt #2)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per		<b>\$5,000</b> / Allow		\$ <u>N/A</u>	1	<b>\$5,000</b>

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO		
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	
4B.A	Allow	Archeological Monitoring & Delays (Base Bid)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per	\$5,000 / Allow	1	\$5,000		\$ <u>N/A</u>		\$ <u>N/A</u>
4B.B	Allow	Archeological Monitoring & Delays (Add Alt #1)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per	\$5,000 / Allow		\$ <u>N/A</u>		\$5,000		\$ <u>N/A</u>
4B.C	Allow	Archeological Monitoring & Delays (Add Alt #2)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per	\$5,000 / Allow		\$ <u>N/A</u>		\$ <u>N/A</u>	1	\$5,000
4C	EA(*)	Unknown utility crossing  Dollars and \$ _____ / EA(*)  Cents per		15	\$ _____	5	\$ _____	5	\$ _____
4D	EA(*)	Repair of unknown or mismarked utility  Dollars and \$ _____ / EA(*)  Cents per		15	\$ _____	5	\$ _____	5	\$ _____
4.1	CY(*)	Trench Ledge Removal & Disposal (\$120/CY Min.)  Dollars and \$ _____ / CY(*)  Cents per		250	\$ _____		\$ _____	350	\$ _____
4.2A	CY(*)	Additional Trench Excavation (where directed)  Dollars and \$ _____ / CY(*)  Cents per		125	\$ _____	50	\$ _____	75	\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL
4.2B	CY(*)	Excavation & Disposal of Unsuitable Materials (un-regulated)  Dollars and \$ _____ / CY(*)  Cents per _____	125	\$ _____	50	\$ _____	75	\$ _____
4.3	CY(*)	Additional Screened Gravel  Dollars and \$ _____ / CY(*)  Cents per _____	125	\$ _____	50	\$ _____	75	\$ _____
4.4	EA(*)	Exploratory test pit excavation (where directed)  Dollars and \$ _____ / EA(*)  Cents per _____	15	\$ _____	5	\$ _____	10	\$ _____
4.5A	Allow	Geotechnical Testing (allowance)  <b>Ten Thousand</b> Dollars and <b>Zero</b> Cents per	1	<b>\$10,000</b> / Allow		\$ <u>N/A</u>		\$ <u>N/A</u>
4.5B	Allow	Geotechnical Testing (allowance)  <b>Five Thousand</b> Dollars and <b>Zero</b> Cents per		\$ <u>N/A</u>	1	<b>\$5,000</b>		\$ <u>N/A</u>
4.5C	Allow	Geotechnical Testing (allowance)  <b>Seven Thousand</b> Dollars and <b>Zero</b> Cents per		\$ <u>N/A</u>		\$ <u>N/A</u>	1	<b>\$7,000</b>
4.6.0224	LF(*)	2"x 24" Rigid Insulation  Dollars and \$ _____ / LF(*)  Cents per _____	200	\$ _____	200	\$ _____	200	\$ _____
6.15	Lbs(*)	Calcium chloride for dust control  Dollars and \$ _____ / Lbs(*)  Cents per _____	8,000	\$ _____	4,000	\$ _____	5,000	\$ _____
<b>SUB-TOTAL SCHEDULE #6</b>				\$ _____		\$ _____		\$ _____

BID ITEM	UNITS	UNIT PRICE	BASE BID - ISLINGTON STREET STA 101+00 to STA 123+00		Add ALTERNATE #1 - COLUMBIA STREET AND COLUMBIA COURT		ADD ALTERNATE #2 - ISLINGTON STREET STA 123+00 TO	
			EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL	EST. QUANT.	EXTENDED TOTAL

TOTAL - SCHEDULES 1 THRU 6

\$ \_\_\_\_\_  
*Base Bid*

\$ \_\_\_\_\_  
*Add Alternate #1*

\$ \_\_\_\_\_  
*Add Alternate #2*

TOTAL BASE BID

\$ \_\_\_\_\_

TOTAL BASE BID + ADD ALT #1

\$ \_\_\_\_\_

TOTAL BASE BID + ADD ALT #2

\$ \_\_\_\_\_

TOTAL BASE BID + ADD ALT #1 + ADD ALT #2

\$ \_\_\_\_\_

Name of Contractor: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Notes to Bidders:**

- 1 The **Basis of Award** will be the lowest price from a qualified bidder based on the engineers estimated quantities for the Base Bid plus any combination of Add Alternates 1 and 2 for which the City will have available funding. If awarded, add alts will be awarded in order.
- 2 \* Indicates indeterminate quantity
- 3 The Owner reserves the right to waive any informalities or minor defects and accept or reject any or all bids that are in the best interest of the Owner



**Islington Street Corridor Improvements  
Portsmouth, NH**

2/1/19

**SUPPLEMENTAL SPECIFICATION**

**AMENDMENT TO SECTION 203 – EXCAVATION AND EMBANKMENT**

**Add** the following paragraphs:

**Method of Measurement**

**4.13** Excavation of materials used by the Contractor for temporary trench stabilization and traffic maintenance will not be measured for additional payment.

**Basis of Payment**

**5.9** Excavation of existing roadbed materials (bituminous pavement, concrete and brick) as described in paragraph 2.1 of the Prosecution of Work will be paid for under item 203.1

**ADDENDUM #1 – ATTACHMENT “D”**

**1010.2**

**1 of 1**

**Islington Street Corridor Improvements**  
Portsmouth, NH

**1/17/19**

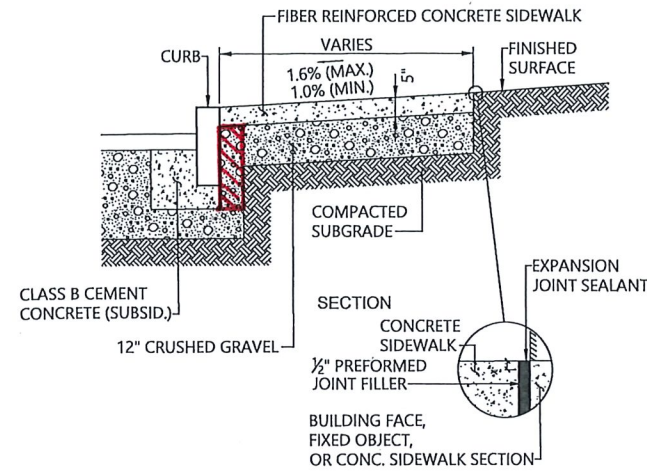
**SUPPLEMENTAL SPECIFICATION**

**AMENDMENT TO SPECIAL ATTENTION - ASPHALT CEMENT ADJUSTMENT  
AND ASPHALT CEMENT ADJUSTMENT FOR EMULSION**

**Add** the following pay items and units:

1010.2A	Asphalt Cement Adjustment (Base Bid)	Allow
1010.2B	Asphalt Cement Adjustment (Add Alternate #1)	Allow
1010.2C	Asphalt Cement Adjustment (Add Alternate #2)	Allow

**ADDENDUM #1 - ATTACHMENT "E"**

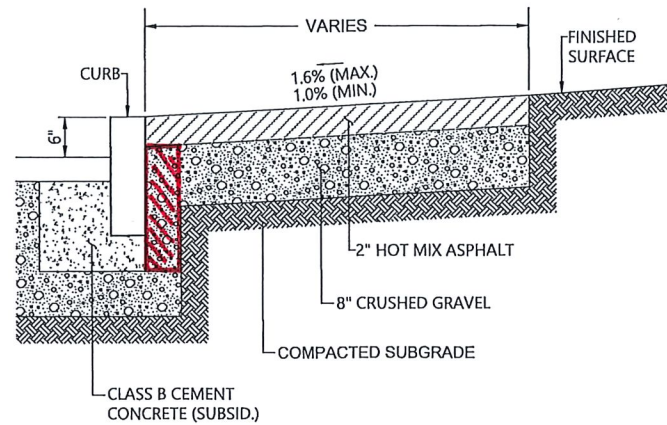


**NOTES**

1. PROVIDE EXPANSION JOINTS AT MIN. 25 FT. O.C. WITH PREFORMED JOINT FILLER.
2. PROVIDE TOOLED CONTROL JOINTS AT 5' O.C.
3. PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.
4. INSTALL 2-FOOT LONG #5 SMOOTH STEEL REBARS, GREASED, SPACED 2' APART AT ALL CONCRETE SIDEWALK CONSTRUCTION JOINTS (SUBSIDIARY TO SIDEWALK ITEM). SET BARS MID DEPTH IN CONCRETE.

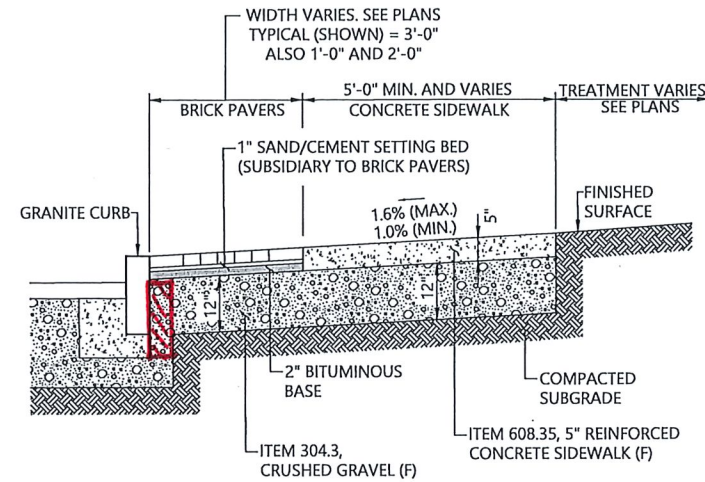
**Item 608.35 Reinforced Concrete Sidewalk**

N.T.S.



**Item 608.12 - 2" Bituminous Sidewalk**

N.T.S.

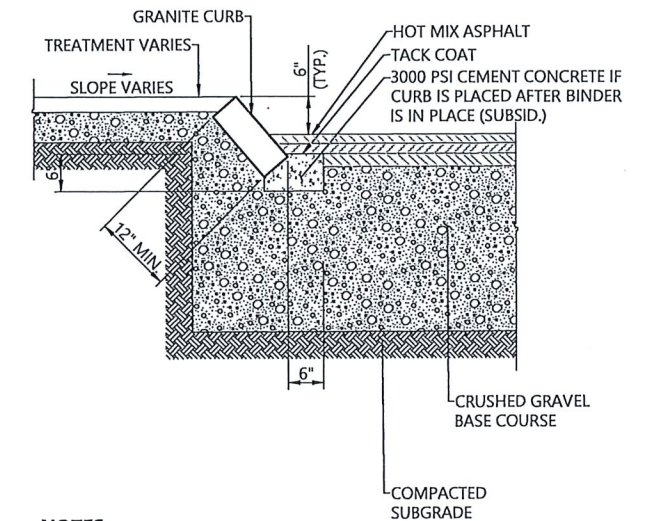


**NOTES**

1. IF BRICK SIDEWALK IS CALLED FOR ON THE PLANS AT THE BACK OF SIDEWALK, IT SHALL INCLUDE 1" SAND/CEMENT SETTING BED, 2" BITUMINOUS PAVEMENT AND 12" CRUSHED GRAVEL AS SHOWN FOR THE CURB SIDE BRICK INLAY.
2. THE 2" BITUMINOUS BASE UNDER BRICK PAVER SETTING BED WILL BE PAID UNDER ITEM 403.12, HOT BITUMINOUS PAVEMENT, HAND METHOD.

**Typical Concrete Sidewalk With Brick Inlay**

N.T.S.



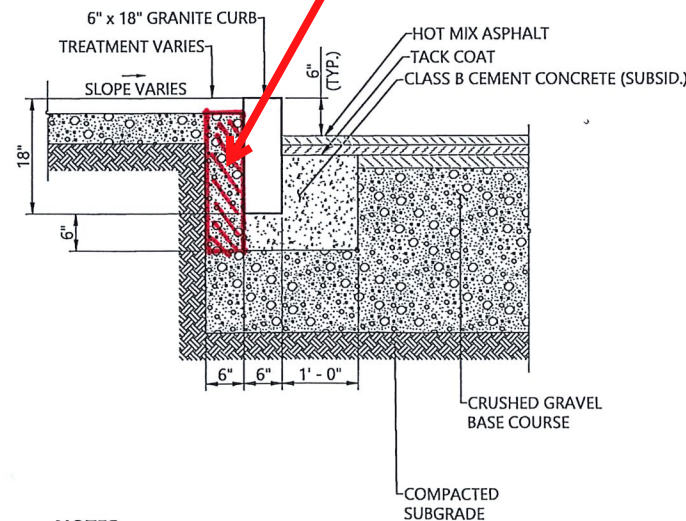
**NOTES**

1. APPLY TACK COAT TO CONCRETE BEDDING PRIOR TO PAVING OVER IT.
2. DETAIL ALSO APPLIES TO CURVED GRANITE SLOPE CURB.

**Item 609.21 Straight Granite Slope Curb**

N.T.S.

**General Note #1 (Typ.)**

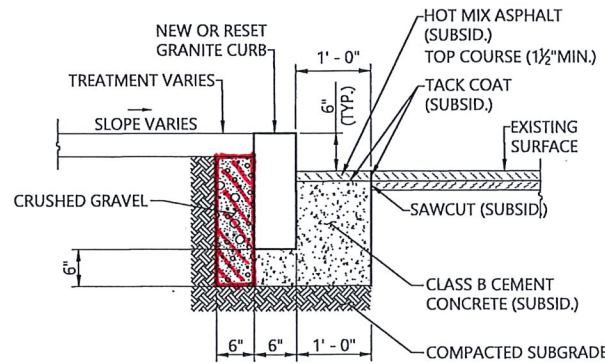


**NOTES**

1. APPLY TACK COAT TO CONCRETE BEDDING PRIOR TO PAVING OVER IT.
2. DETAIL ALSO APPLIES TO CURVED GRANITE CURB.

**Item 609.011 Straight Granite Curb**

N.T.S.

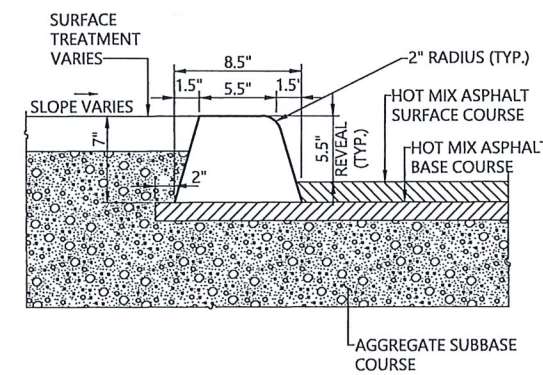


**NOTES**

1. APPLY TACK COAT TO CONCRETE BEDDING PRIOR TO PAVING OVER IT.
2. DETAIL ALSO APPLIES TO CURVED GRANITE CURB.

**Straight Granite Curb Set In Existing Pavement**

N.T.S.

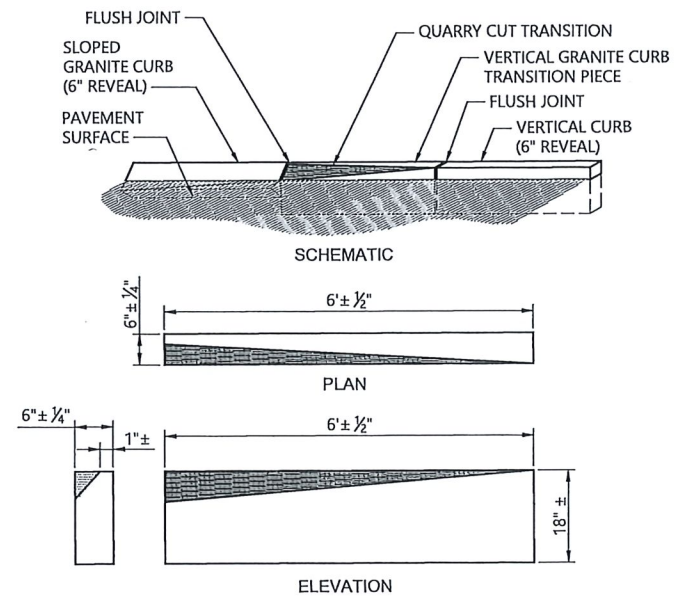


**NOTE**

ALL CURBING SHALL BE MACHINE EXTRUDED.

**Item 609.812 Bituminous Curb, Type A**

N.T.S.



(VERTICAL GRANITE CURB TO SLOPED GRANITE CURB)

**NOTE**

1. FINAL CURB TRANSITION DESIGN SHALL BE COORDINATED WITH THE CITY OF PORTSMOUTH DPW PRIOR TO CONSTRUCTION.

**Curb Transition**

N.T.S.

**General Notes:**

- 1) Class B cement concrete shall be placed vertical granite curbing where directed (typically high impact areas such as street corners, bump outs, and radius curb), subsidiary



DATE PLOTTED	VHB PROJECT NO.	DRAWING	CITY PROJECT NO.	SHEET NO.	TOTAL SHEETS
13-Nov-18	52393.00	DET-Seg1	7176	05	88

ISLINGTON STREET CORRIDOR IMPROVEMENTS - SEGMENT 1  
CITY OF PORTSMOUTH, NEW HAMPSHIRE

**DETAILS**