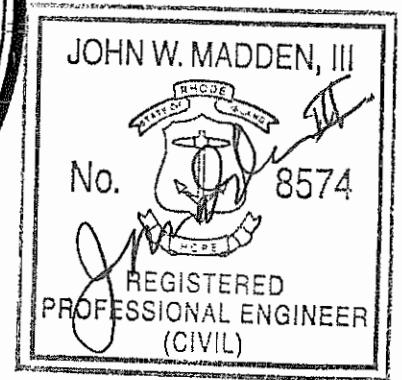
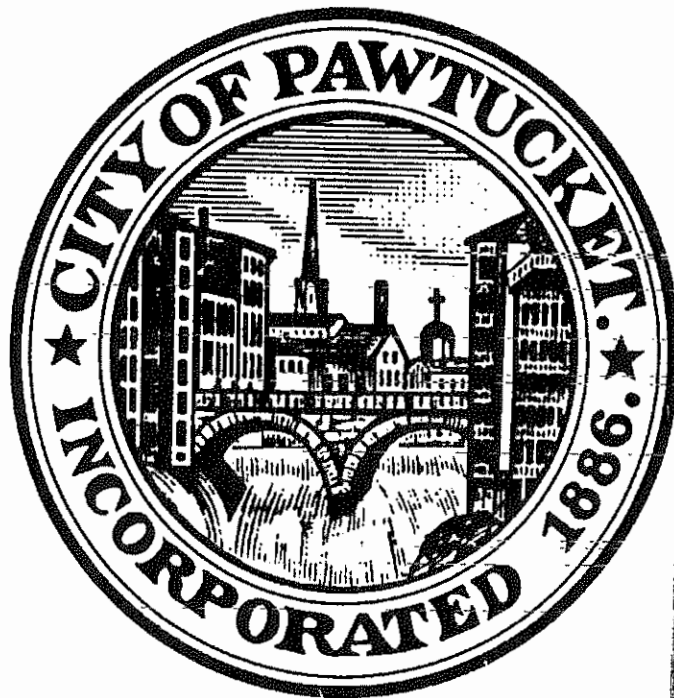


CITY OF PAWTUCKET

REQUEST FOR PROPOSALS



RFP#24-032

**City-Wide Sidewalk and ADA Ramp Improvements
Contract 1**

March 14, 2024

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1.0 - Bid/Solicitation Information

Schedule

Pre-Bid/Proposal Conference: ☐ No ☒ Yes

March 21, 2024 @ 11:00 AM

***** **Non-Mandatory** *****

Location:

Public Works Conference Room

250 Armistice Boulevard

Pawtucket, RI 02860

Requests for Further Information:

March 28, 2024, @ 4:00 PM

Requests for information or clarification must be made electronically to the attention of:

Eric Hammerschlag - City Engineer

E-mail:

ehammerschlag@pawtucketri.gov

AND

Jack Madden – Project Manager

BETA Group, Inc.

765 George Washington Highway

Lincoln, RI 02865

Email: jmadden@BETA-inc.com

(401) 333-2382

Please reference the RFP number on all correspondence. Answers to questions received, if any, will be posted on the internet as an addendum to this bid solicitation.

RFP Submission Deadline:

April 11, 2024, at 12:00 PM

Late submittals will not be considered.

Proposals must be mailed or hand-delivered in a sealed envelope **marked with the RFP/Bid # and Project Name** to:

Pawtucket City Hall - Purchasing Office

137 Roosevelt Avenue

Pawtucket, RI 02860

Bids will be publicly opened on April 11, 2024, at 4:00 PM during a scheduled Purchasing Board meeting in City Council Chambers, City Hall

Bonds/Surety Required

Bid Bond: ☐ No ☒ Yes

Bidder is required to provide a bid surety in the form of a bid bond or certified check payable to the City of Pawtucket in an amount not less than five percent (5%) of the bid price.

Fidelity Bond: ☒ No ☐ Yes

Performance and Payment Bond: ☐ No ☒ Yes

(Submit upon award of contract)

Bidder is required to provide a performance and payment bond as outlined in the City's General Terms & Conditions of Purchase (Appendix B of this RFP) in an amount not less than one hundred percent (100%) of the bid price.

The successful bidder will be required to furnish all insurance documentation as outlined in the attached Purchasing Rules & Regulations and General Terms & Conditions of Purchase.

Miscellaneous

The bid process and resulting contract are subject to the Rules and Regulations and General Terms and Conditions of Purchase. Submission of a bid in response to this solicitation is acknowledgement and acceptance of these Rules and Regulations and General Terms and Conditions of Purchase.

The City of Pawtucket reserves the right to award on the basis of cost alone, accept or reject any or all bids, and to act in its best interest including, but not limited to, directly negotiating with any vendor who submits a proposal in response to this RFP and to award a contract based upon the results of those negotiations alone. Proposals found to be technically or substantially non-responsive at any point in the evaluation process will be rejected and not considered further. The City of Pawtucket may, at its sole option, elect to require presentations(s) by bidders clearly in consideration for award.

2.0 - Instructions and Notifications to Bidders

- It is the vendor's responsibility to examine all specifications and site conditions thoroughly and comply fully with specifications and all attached terms and conditions. Vendors must comply with all Federal, State, and City laws, ordinances and regulations, and meet any and all registration requirements where required for contractors as set forth by the State of Rhode Island. Failure to make a complete submission as described herein may result in a rejection of the proposal.
- All costs associated with developing or submitting a proposal in response to this Request, or to provide oral or written clarification of its content shall be borne by the bidder. The City of Pawtucket assumes no responsibility for these costs.
- A submittal may be withdrawn by written request to the Purchasing Agent by the proposer prior to the stated RFP deadline.
- Prior to the proposal deadline established for this RFP, changes may be made to a proposal already received by the City if that vendor makes a request to the Purchasing Agent, in writing, to do so. No changes to a proposal shall be made after the RFP deadline.
- Proposals are considered to be irrevocable for a period of not less than ninety (90) days following the opening date, and may not be withdrawn, except with the express written permission of the Purchasing Agent. Should any vendor object to this condition, the vendor must provide objection through a question and/or complaint to the Purchasing Agent prior to the proposal deadline.
- All pricing submitted will be considered to be firm and fixed unless otherwise indicated herein.
- The vendor has full responsibility to ensure that the proposal arrives at the Purchasing Division Office prior to the deadline set out herein. The City assumes no responsibility for delays caused by the U.S. Postal Service or any other delivery service. Postmarking by the due date will not substitute for actual receipt of response by the due date. Proposals arriving after the deadline may be returned, unopened, to the vendor, or may simply be declared non-responsive and not subject to evaluation, at the sole discretion of the Purchasing Agent. **For the purposes of this requirement, the official time and date shall be that of the time clock in the City of Pawtucket's Purchasing Office.**
- At the time and place fixed for the opening of Bids, the Owner will cause to be opened and publicly read aloud every Bid received within the time set for receiving Bids, irrespective of any irregularities therein. Bidders and other persons properly interested may be present, in person or by representative.
- It is intended that an award pursuant to this Request will be made to a prime contractor, who will assume responsibility for all aspects of the work. Joint venture and cooperative proposals will not be considered, but subcontracts are permitted, provided that their use is clearly indicated in the bidder's proposal, and the subcontractor(s) proposed to be used are identified in the proposal.
- Bidders are advised that all materials submitted to the City of Pawtucket for consideration in response to this Request for Proposals shall be considered to be public records as defined in Title 38 Chapter 2 of the Rhode Island General Laws,

without exception, and may be released for inspection immediately upon request once an award has been made.

- Vendors are responsible for errors and omissions in their proposals. No such error or omission shall diminish the vendor's obligations to the City.
- The City reserves the right to reject any or all proposals, or portions thereof, at any time, with no penalty. The City also has the right to waive immaterial defects and minor irregularities in any submitted proposal at its sole discretion. All material submitted in response to this RFP shall become the property of the City of Pawtucket upon delivery to the Purchasing Agent.
- Bids will be opened publicly at a regularly scheduled purchasing board meeting, the date of which is the same as the RFP submission deadline provided in Section 1.0.
- Interpretations or Addenda: No oral interpretation will be made to any Bidder as to the meaning of the Contract Documents or any part thereof. Every request for such an interpretation shall be made in writing to the City of Pawtucket (hereinafter called the "Owner"). Any inquiry received seven or more days prior to the date fixed for opening of Bids will be given consideration. Every interpretation made to a Bidder will be in the form of an Addendum to the Contract Documents, and when issued, will be on file in the office of the Owner at least five days before Bids are opened. In addition, all Addenda will be mailed to each person holding Contract Documents, but it shall be the Bidder's responsibility to make inquiry as to the Addenda issued. All such Addenda shall become part of the Contract and all Bidders shall be bound by such Addenda, whether or not received by the Bidders.
- Each Bidder shall, upon request of the Owner, submit a detailed financial statement on a form furnish by the Owner for that purpose. The Owner shall have the right to take such steps as it deems necessary to determine the ability of the Bidder to perform his obligations under the Contract and the Bidder shall furnish the Owner all such information and data for this purpose as it may request. The right is reserved to reject any Bid where an investigation of the available evidence or information does not satisfy the Owner that the Bidder is qualified to carry out properly the terms of the Contract.

3.0 - Overview

3.1 Project Overview

The project involves the construction of accessible curb ramps within existing sidewalk areas at specified locations within the City of Pawtucket, particularly at roadway crossings. The proposed work will include removal of existing sidewalk material, removal and resetting of existing curbing, replacing curbing with new as needed, placing new sidewalks and placing new concrete wheelchair ramps the limits, dimensions and grades specified by the Public Right of Way Accessibility Guidelines (PROWAG), .

Work will include all necessary adjustments to existing grades and sidewalk areas so as to construct curb ramps at specified locations and aligned with existing roadway crossings that meet the requirements of the PROWAG standard.

Additional work will include the adjustment of existing castings in the sidewalk area, removal and resetting of existing signs and the restoration of the features at the back of sidewalk as specified by the engineer.

3.2 Project Background

The purpose of the project is to improve accessibility of the City-owned and maintained pedestrian network to comply with the requirements of Title 2 of the Americans with Disabilities Act (ADA). The City identified non-complaint curb ramp locations and potentially missing ramps in the ADA Self Evaluation and Transition Plan (2023).

This project will improve sidewalks immediately adjacent to selected curb ramp locations only. The proposed work will match into existing sidewalk conditions that may or may not conform to PROWAG standards. The proposed improvements have been identified as high priority and will immediately benefit the Pawtucket community.

The project is funded by a Community Development Block Grant (CDBG) Program provided through the federal Department of Housing and Urban Development and the DPW Highway Bond. The administration of the construction of the project will be managed by the City of Pawtucket.

4.0 - Scope of Work

4.1 Location

The location of the proposed construction activity ("the Project") is shown on the Locus Maps of Project Area Intersections and included in this RFP as Appendix H. In general terms, the location of the Project can be described as follows:

SABIN STREET	at	CHARLES STREET	(2)
BROADWAY	at	EAST STREET	(3)
COYLE AVENUE	at	COLE STREET	(2)
BROADWAY	at	COYLE AVENUE	(4)
BROADWAY	at	APPLETON AVENUE	(4)
BROADWAY	at	JOHN STREET	(2)
AMEY STREET	at	COLE STREET	(2)
AMEY STREET	at	BROADWAY	(2)
CLARK AVENUE	at	BROADWAY	(1)

TINGLEY STREET	at	BROADWAY	(2)
COLUMBINE AVENUE	at	BROADWAY	(2)
ROOSEVELT AVENUE	at	TINGLEY STREET	(2)
MCCABE AVENUE	at	BROADWAY	(2)
BATES STREET	at	ROOSEVELT AVENUE	(1)
BATES STREET	at	MCCABE AVENUE	(3)
BATES STREET	at	COLUMBINE AVENUE	(6)
BATES STREET	at	BENEFIT STREET	(4)
BATES STREET	at	COYLE AVENUE	(4)
COYLE AVENUE	at	CONSOLATION AVENUE	(2)
BENEFIT STREET	at	BENEFIT STREET	(2)

4.2 General Requirements

4.2.1 Project Schedule

- Bids Due and Opening Date: 4/11/24 (refer to noted submission times in this RFP)
- Project Award: 4/25/2024
- Project Begins: 5/01/2024
- Substantial Completion: 9/31/2024
- Final Completion: 10/31/2024

4.2.2 Hours of Work

The Contractor shall be permitted to work on-Site from 7:00 AM to 5:30 PM, Monday through Friday. The Contractor may be permitted to work during extended hours outside of this time, but only upon receipt of the DPW's express written authorization.

4.2.3 Pricing

UNIT PRICES: The unit price for each of the several items in the Proposal of each Bidder shall include its pro rata share of overhead and profit so that the sum of the products obtained by multiplying the quantity shown for each item by the unit price Bid represents the Total Bid. The price submitted for items requiring a lump sum Bid shall also include all overhead and profit and represents the total Bid. Any Bid not conforming to this requirement may be rejected as unresponsive. Special attention of all Bidders is called to this provision, for should conditions make it necessary to revise the quantities or unit price, no limit will be fixed for such increased or decreased quantities nor extra compensation allowed, provided the net monetary value of all such additive and subtractive changes in quantities of such items or work (i.e., difference in cost) shall not increase or decrease the original contract price by more than twenty-five percent (25%) except for work not covered in the Contract Documents.

4.2.4 Prevailing Wage Requirements

Bidders are advised that payment of the local prevailing wage, as established by the Rhode Island Department of Labor and Training, is a requirement of this project, as outlined in Appendix B. A copy of the current prevailing wage decision is included in

this document as Appendix C. Where a contract will be entered pursuant to competitive bidding procedures, a modification, notice of which is published on the Wage Determination web site at <https://sam.gov/content/home>; or in the Federal Register less than 10 days before the opening of bids shall be effective unless the agency finds that there is not a reasonable time still available before bid opening to notify bidders of the modification and a report of the finding is inserted in the contract file. Bidders are expected to account for the prevailing wage rates applicable to this project in the formulation of their bid.

All contractors and sub-contractors are required to use the Rhode Island Certified Weekly Payroll and the RI Statement of Compliance form. Use of company payroll forms or other state (MA, CT, etc.) forms is not acceptable. Only employees of the contractor should be listed on the RI Certified Weekly Payroll forms. Subcontractors must do their own separate RI Certified Weekly Payroll form listing all of their workers working on the Prevailing Wage job-site.

Federal forms may be used for Department of Transportation projects only. However, if a complaint is being investigated, the DLT will require the contractor under investigation to resubmit the requested payroll information on the Rhode Island Certified Weekly Payroll form for all hours worked on that Department of Transportation project being investigated.

4.2.5 Payment Requisitions

The Contractor shall prepare draft requisitions for payment for the Project Engineer's review and approval and revise the requisitions as necessary prior to submission to the Owner. Payment requisitions shall be prepared using AIA Standard Forms G702 and G703.

The Owner reserves the right to withhold 5% of each progressive request for payment as retainage. The Owner shall release retainage payments per the terms outlined in Section 12.0 of this RFP.

4.2.6 Experience

The City will require all general contractors and subcontractors have a minimum of 5 years' experience doing similar type of work. This experience should be listed in the form supplied in Section 11 and or attach a separate sheet listing your company's experience and that of subcontractors performing work.

4.3 Scope Detail

The scope of work is defined comprehensively in the Technical Specifications curb ramp sketch drawings issued for bid, which are incorporated into this RFP as Appendices G and H, respectively.

In general terms, the Project includes, but is not limited to, the following construction activities:

- Mobilization and provide controls as necessary to ensure public safety and facilitate construction;
- Maintenance and further installation of erosion and sediment control devices;

- Removal and proper disposal of existing unclassified material including saw cutting, pavement;
- Earthwork and site preparation including rough grading;
- Bituminous concrete pavement cut and repair:
- Remove and reset existing curbing
- Furnish and install salvaged or new granite curbing as needed
- Placement of portland cement concrete sidewalks, driveways and wheelchair ramps
- Pavement patching and replacement;
- Loam installation for disturbed areas within the site;
- General restoration to disturbed areas adjacent to the project area
- Reset existing signage as needed.
- Demobilize and final cleanup of the site including removal of remaining erosion and sediment control devices and any remaining sediment, pavement sweeping;

5.0 - Insurance

The vendor shall maintain and keep in force such comprehensive general liability insurance as shall protect them from claims which may arise from operations under any contract entered into with the City of Pawtucket, whether such operations be by themselves or by anyone directly or indirectly employed by them.

The amounts of insurance shall be not less than \$1,000,000.00 combined single limit for any one occurrence covering both bodily injury and property damage, including accidental death.

The City of Pawtucket shall be named as additional insured on the vendor's General Liability Policy.

The vendor shall maintain and keep in force such Workers' compensation insurance limits as required by the statutes of the State of Rhode Island, and Employer's Liability with limits no less than \$500,000.

The vendor shall maintain and keep in force such Automobile Liability Insurance Combined Single Limit not less than \$1,000,000 each occurrence for bodily Injury and property damage including non-owned and/or hired vehicle coverage.

OR

Bodily Injury, per person, \$500,000/ Bodily Injury, \$1,000,000 per accident/ Property Damage, \$500,000 per accident including non-owned and/or hired vehicle coverage.

6.0 - Acknowledgement of Risk & Hold Harmless Agreement

In addition to the indemnity provisions in the City of Pawtucket's Terms and Conditions of Purchase and to the fullest extent permitted by law, the selected vendor, its officers, agents, servants, employees, parents, subsidiaries, partners, officers, directors, attorneys, insurers, and/or affiliates (Releasors) agree to release, waive, discharge and covenant not to sue the City of Pawtucket, its officers, agents, servants or employees (Releasees) from any and all liability, claims, cross-claims, rights in law or in equity, agreements, promises demands, actions and causes of action whatsoever arising out of or related to any loss, damage, expenses (including without limitation, all legal fees, expenses, interest and penalties) or injury (including death), of any type, kind or nature whatsoever, whether based in contract, tort, warranty, or other legal, statutory, or equitable theory of recovery, which relate to or arise out of the Releasors use of or presence in and/or on City of Pawtucket property. The Releasors agree to defend, indemnify and hold harmless the Releasees from (a) any and all claims, loss, liability, damages or costs by any person, firm, corporation or other entity claiming by, through or under Releasors in any capacity whatsoever, including all subrogation claims and/or claims for reimbursement, including any court costs and attorneys fees, that may incur due to Releasors use of or presence in and on City of Pawtucket property; and (b) any and all legal actions, including third-party actions, cross-actions, and/or claims for contribution and/or indemnity with respect to any claims by any other persons, entities, parties, which relate to or arise out of Releasors use of or presence in and on City of Pawtucket property.

The Releasors acknowledge the risks that may be involved and hazards connected with use of or presence in and on City of Pawtucket property but elect to provide services under any contract with the City of Pawtucket with full knowledge of such risks. Releasors also acknowledge that any loss, damage, and/or injury sustained by Releasors is not covered by Releasees insurance. Releasors agree to become fully aware of any safety risks involved with the performance of services under any contract with the City of Pawtucket and any safety precautions that need to be followed and agree to take all such precautions.

The duty to indemnify and/or hold harmless the City of Pawtucket shall not be limited by the insurance required under the City of Pawtucket Terms and Conditions of Purchase.

7.0 - Additional Insurance Requirements

In addition to the insurance provisions in the City of Pawtucket Terms and Conditions of Purchase, the liability insurance coverage, except Professional Liability, Errors and Omissions or Workers' Compensation insurance required for performance of a contract with the City of Pawtucket shall include the City of Pawtucket, its divisions, officers and employees as Additional Insureds but only with respect to the selected vendor's activities under the contract. The insurance required through a policy or endorsement shall include:

- A. a Waiver of Subrogation waiving any right to recovery the insurance company may have against the City of Pawtucket; and
- B. a provision that the selected vendor's insurance coverage shall be primary with respect to any insurance, self insurance or self retention maintained by the City of Pawtucket and that any insurance, self insurance or self retention maintained by the City of Pawtucket shall be in excess of the selected vendor's insurance and shall not contribute.

There shall be no cancellation, material change, potential exhaustion of aggregate limits or non-renewal without thirty (30) days written notice from the selected vendor or its insurer(s) to the City of Pawtucket's Purchasing Agent. Any failure to comply with the reporting provision of this clause shall be grounds for immediate termination of the contract with the City of Pawtucket.

Insurance coverage required under the contract shall be obtained from insurance companies acceptable to the City of Pawtucket. The selected vendor shall pay for all deductibles, self insured retentions and/or self insurance included hereunder.

The City of Pawtucket's Purchasing Agent reserves the right to consider and accept alternative forms and plans of insurance or to require additional or more extensive coverage for any individual requirement.

8.0 - Proposal Content and Organization

All bids must be submitted on the forms supplied in Section 11.0 and shall be subject to all requirements of the Contract Documents, including these instructions to bidders. All bids must be regular in every respect and no interlineations, excisions or special conditions shall be made or included in the Bid Form by the Bidder. Pricing must include all costs as specified in this solicitation.

The Owner may consider as irregular any Bid on which there is an alteration of or departure from the Bid Form hereto attached and at its option may reject the same.

Bid Documents, including the Bid, the Bid Bond, the Non-Collusion Affidavit, the Anti-Kickback Acknowledgment, and the Statement of Bidder's Qualifications (if requested) shall be enclosed in a sealed envelope which shall be clearly labeled with the words, **"City-Wide Sidewalk and ADA Ramp Improvements - Bid 24-032"** as well as name of Bidder, and date of bid opening.

All Bid Forms must be signed.

If the Contract is awarded, it will be awarded by the Owner to a responsible Bidder on the basis of the lowest qualified bid price and the selected Alternative Bid items, if any.

Vendors must include on the Bid Form a list of at least four (4) references with whom they have contracted to do similar work by including the company name, telephone number, contact person, and number of years they have served this customer. Preferably, references should be municipalities which are of approximate size as the City of Pawtucket, and a website address should be included if available.

Respondents must also include an overview of their company's experience including, but not limited to, the number of years the company has been providing these services, the size of the company (including the number of employees and locations), a description of work undertaken that is similar to what is being requested in this RFP, and, if applicable, certifications that show a knowledge of equipment that would be serviced or provided under this contract.

If any subcontractors are to be used in the performance of any work contracted for under this RFP, please list their name(s), contractor license #, address and phone number, and specific description of the subcontract work to be performed. See Proposed Subcontractors form. Subcontractors will be required to list their experience doing similar work that are contracted to do.

Two (2) copies of your proposal—one (1) original hard copy and one (1) digital copy on Flash Drive or similar format—must be submitted at the time of submission. Proposals must be in the following format

- Bid Form (Section 11 *"ENTIRE SECTION"*)

- Anti-Kickback Acknowledgement (Appendix A)

- Company overview

- Length of time your firm has been in business

- Length of time at current address

- All licensing (List types and business license number(s)), certification and permits as required in the Scope of Work

Please state any and all additions, deletions, and exceptions, if any, that you are taking to any portion of this proposal. If not addressed specifically, the City of Pawtucket assumes that the vendor will adhere to all terms and conditions listed in this RFP.

Submission of a proposal is acknowledgement and acceptance of the City of Pawtucket's Purchasing Rules and Regulations and General Terms and Conditions of Purchase.

9.0 - Evaluation Criteria

The evaluation of proposals will be conducted in a time frame convenient to the City.

The City of Pawtucket reserves the right to award on the basis of cost alone, accept or reject any or all proposals, and to otherwise act in its best interest including, but not limited to, directly negotiating with any Vendor who submits a proposal in response to this RFP and to award a contract based upon the results of those negotiations alone. The City reserves the right to consider as unqualified to do the work of general construction any Bidder who does not habitually perform with his own forces the major portions of the work involved in construction of the Improvements embraced in this Contract.

Further, the City reserves the right to waive irregularities it may deem minor in its consideration of proposals.

Proposals found to be technically or substantially non-responsive at any point in the evaluation process will be rejected and not considered further. The City of Pawtucket may elect to require presentations(s) by vendors in consideration for award.

Proposals will be evaluated in three (3) phases:

1. The first phase is an initial review to determine if the proposal, as submitted, is complete. To be complete, a proposal must meet all the requirements of this RFP.
2. The second phase is an in-depth analysis and review based on criteria below and their associated weights.

<u>Evaluation Criteria</u>	<u>Importance</u>
Experience/Qualifications	20%
References	10%
Price	70%

3. The third is a comparison of each proposal's weighted evaluation relative to the costs proposed.

In the event that the City requires further information and/or a demonstration of any equipment or process offered in any proposal, all vendors asked for same will do so at no cost to the City.

For purposes of evaluating the bid, The City will use the price referenced above in Evaluation Criteria as the price noted in Section 11 Bid Form, which will be the base bid plus ALL alternates if any, and allowances. The City will select alternates as the budget allows

10.0 - Miscellaneous

- Vendors shall at all times comply with all federal, state, and local laws, ordinances and regulations and shall defend, indemnify and save harmless the City of Pawtucket against any claims arising from the violation of any such laws, ordinances and regulations, including but not limited to challenges as to the legality of any and all vendor installations.
- The City is exempt from the payment of the Rhode Island State Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph 1, as amended. Further, the City is also exempt from the payment of any excise or federal transportation taxes. The proposal prices submitted must be exclusive of same, and will be so construed.
- The City of Pawtucket reserves the right to cancel an agreement with the Vendor with thirty (30) days written notice and to award the contract to the next highest evaluated bidder.
- The City of Pawtucket reserves the right to renegotiate the terms of this contract with the Vendor for subsequent years provided the Vendor agrees to the contract terms for the renewal period.
- The payment and performance of any obligations under this contract for years beyond the first fiscal year are subject to the availability of funds.
- The City reserves the right to pay the selected Vendor via credit card at its sole discretion.

11.0 – Bid Form

Bid# 24-032 – CITY-WIDE SIDEWALK AND ADA RAMP IMPROVEMENTS – CONTRACT 1

Date: _____

Submitted By: _____

(Include Name, Address and Telephone No.) _____

Name and remittance address that will
appear on invoices:

Physical address of business:

General Information

Is your firm a sole proprietorship doing business under a different name? ____ Yes ____
No

If yes, please indicate sole proprietorship, a name, and the name you are doing business
under.

Is your firm incorporated? ____ Yes ____ No

Will any of the work spelled out in this bid be outsourced? ____ Yes ____ No

If so, please explain below:

Have you or your firm been subject to suspension, debarment or criminal conviction by
the City of Pawtucket, the State of Rhode Island, or any other jurisdiction?

Yes: _____ No: _____

Have the City of Pawtucket and/or the State of Rhode Island ever terminated contracts with your firm for cause?

Yes: _____ No: _____

Has your firm ever withdrawn from a contract with the City of Pawtucket and/or the State of Rhode Island during its performance?

Yes: _____ No: _____

Have you or your firm been involved in litigation against the City of Pawtucket and/or the State of Rhode Island.

Yes: _____ No: _____

If you answered yes to any of the foregoing, please explain the circumstances below. If you or your firm has been involved in litigation against the City of Pawtucket and/or the State of Rhode Island, please include the case caption, case number and status. (If more space is needed, please attach separate sheet and submit with the bid.)

Is your company bonded? Yes ____ No ____

Please describe the nature and extent of all insurance coverage:

Addenda

The following Addenda have been received. The noted modifications to the Bidding Documents have been considered and all costs are included in the Bid Sum.

Addendum #1, Dated: _____

Addendum #2, Dated: _____

Addendum #3, Dated: _____

References

Please list at least four (4) companies' with whom you have contracted to provide similar services. Preferably, references should be municipalities which are of approximate size as the City of Pawtucket, and a website address should be included if available.

Reference #1

Company Name: _____

Contact Person: _____ Telephone #: _____

Contract Dates: _____ To _____

Website Address: _____

Reference # 2

Company Name: _____

Contact Person: _____ Telephone #: _____

Contract Dates: _____ To _____

Website Address: _____

Reference # 3

Company Name: _____

Contact Person: _____ Telephone #: _____

Contract Dates: _____ To _____

Website Address: _____

Reference # 4

Company Name: _____

Contact Person: _____ Telephone #: _____

Contract Dates: _____ To _____

Website Address: _____

Pricing Proposal

**Bid# 24-032 – CITY-WIDE SIDEWALK AND ADA RAMP IMPROVEMENTS –
CONTRACT 1**

1.00 OFFER:

- A. Having examined the Place of the Work and all matters referred to in the Instructions to Bidders and the Contract Documents prepared by BETA Group, Inc. (Engineer for the above mentioned project) and the City of Pawtucket, we, the undersigned, hereby offer to enter into a Contract to perform the Work, (**Bid# 24-032 – CITY-WIDE SIDEWALK AND ADA RAMP IMPROVEMENTS – CONTRACT 1**), for the amount indicated below, subject to the additions and deductions according to the terms of the Contract Documents and as stated below. The undersigned will provide all necessary and proper material, machinery, equipment, facilities, and means to complete the Work.

- B. The undersigned hereby understands that the City of Pawtucket (Owner) has the right to reject any and all bids and to award the contract in the best interests of the Owner. The Owner reserves the right to award the entire project or delete portions of the work to funds available, whichever is in the best interest of the Owner.

- C. The undersigned also understands that the contract must be carried out in strict accordance with the contract documents.

- D. Total Price below should include Bid Items 1-26, allowances and all ADD ALTERNATES.

Total Price: \$.....dollars,
(amount in words)

(\$.....) in lawful money of the United States of America and,
(in figures)

We have included herewith, the unit price bid forms, bid alternates information, and the required security deposit or Bid Bond as required by the Instruction to Bidders.

For purposes of evaluating the bid, the price noted above will be the base bid plus ALL alternates. The City will select alternates as the budget allows.

BID FORM UNIT PRICING:

**City-Wide Sidewalk and ADA Ramp Improvements -
Contract 1**

BID # 24-032

1.0	201.0401	REMOVE AND DISPOSE GRANITE CURB	111	LF
		_____ (\$ Figures)		
		_____ Dollars/Cents		
2.0	201.0403	REMOVE AND DISPOSE SIDEWALKS	1,705	SY
		_____ (\$ Figures)		
		_____ Dollars/Cents		
3.0	201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	76	SY
		_____ (\$ Figures)		
		_____ Dollars/Cents		
4.0	201.9904	REMOVE AND SALVAGE GRANITE CURB, ALL TYPES	212	LF
		_____ (\$ Figures)		
		_____ Dollars/Cents		
5.0	202.0100	EARTH EXCAVATION	87	CY
		_____ (\$ Figures)		
		_____ Dollars/Cents		
6.0	302.0100	GRAVEL BORROW SUBBASE COURSE	87	CY
		_____ (\$ Figures)		
		_____ Dollars/Cents		
7.0	401.9901	CLASS 9.5 HMA FOR MISCELLANEOUS WORK	18	TON
		_____ (\$ Figures)		
		_____ Dollars/Cents		

8.0	707.0900	ADJUST MANHOLES TO GRADE	20	EACH
		_____ (\$ Figures)		
		_____ Dollars/Cents		
9.0	713.8269	ADJUST WATER GATE BOXES TO GRADE	6	EACH
		_____ (\$ Figures)		
		_____ Dollars/Cents		
10.0	713.8300	ADJUST GAS GATE BOXES TO GRADE	2	EACH
		_____ (\$ Figures)		
		_____ Dollars/Cents		
11.0	905.9901	4 INCH CEMENT CONCRETE SIDEWALK/WHEELCHAIR RAMPS	896	SY
		_____ (\$ Figures)		
		_____ Dollars/Cents		
12.0	905.9902	8 INCH CEMENT CONCRETE DRIVEWAY/WHEELCHAIR RAMP	798	SY
		_____ (\$ Figures)		
		_____ Dollars/Cents		
13.0	906.9901	FURNISH AND INSTALL GRANITE CURB STRAIGHT, CIRCULAR	56	LF
		_____ (\$ Figures)		
		_____ Dollars/Cents		
14.0	906.9903	FURNISH AND INSTALL GRANITE INLET OR APRON STONE - ALL SIZES AND TYPES	7	EACH
		_____ (\$ Figures)		
		_____ Dollars/Cents		

15.0	906.9904	FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP TRANSITION CURB	60	LF
		_____ (\$ Figures)		
		_____ Dollars/Cents		
16.0	906.9905	FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP STONE, STRAIGHT, CIRCULAR	212	LF
		_____ (\$ Figures)		
		_____ Dollars/Cents		
17.0	906.9906	INSTALL SALVAGED GRANITE CURB STRAIGHT, CIRCULAR	212	LF
		_____ (\$ Figures)		
		_____ Dollars/Cents		
18.0	906.9907	INSTALL CEMENT CONCRETE CURB PRECAST STRAIGHT , CIRCULAR STANDARD	150	LF
		_____ (\$ Figures)		
		_____ Dollars/Cents		
19.0	906.9909	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES	1,110	LF
		_____ (\$ Figures)		
		_____ Dollars/Cents		
20.0	915.0240	REMOVE AND RESET HIGHWAY BOUND (ALL TYPES)	5	EACH
		_____ (\$ Figures)		
		_____ Dollars/Cents		
21.0	932.9901	FULL-DEPTH SAWCUT OF PCC OR ASPHALT SIDEWALK/DRIVEWAY	445	LF
		_____ (\$ Figures)		
		_____ Dollars/Cents		

22.0	936.0100	MOBILIZATION AND DEMOBILIZATION	1	LS
		_____ (\$ Figures)		
		_____ Dollars/Cents		
23.0	942.0200	DETECTABLE WARNING PANEL STANDARD 48.1.0	424	SF
		_____ (\$ Figures)		
		_____ Dollars/Cents		
24.0	L01.9901	LOAM BORROW 4 INCHES DEEP & TYPE 2 SEEDING	52	SY
		_____ (\$ Figures)		
		_____ Dollars/Cents		
25.0	T05.1030	ADJUST HANDHOLE TO GRADE	2	EACH
		_____ (\$ Figures)		
		_____ Dollars/Cents		
26.0		POLICE DETAILS	1	ALLOW
		_____ \$45,000 (\$ Figures)		
		_____ Forty-Five Thousand Dollars/Cents		
26.0		INLET PROTECTION AND MAINTENANCE AND CLEANING OF EROSION CONTROLS	1	ALLOW
		_____ \$5,000 (\$ Figures)		
		_____ Five Thousand Dollars/Cents		

NOTE: THE UNIT PRICE FOR EACH ITEM MUST BE WRITTEN IN WORDS AND FIGURES. IN CASE OF DISCREPANCY, THE AMOUNT SHOWN IN WORDS WILL GOVERN.

BID ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT BID PRICE	TOTAL COST
-------------	-------------	------	----------	-------------------	---------------

(use this section to establish unit pricing)

TOTAL BID _____

TOTAL BID IN WORDS _____

Note: Total Bid shown above shall match Total Price shown on the first page of this bid form. All project costs including labor, equipment, materials, overhead, and profit to complete the Work shall be included. Refer to Section G for a description of the bid items listed above as well as additional information.

1.01 ALLOWANCES:

As part of the Base Bid (Total Bid), the Bidder agrees to carry quantities of materials below in the base bid of the contract. The Owner reserves the right to remove these items from the contract totally or in part and to adjust the contract sum to reflect the actual costs of the construction authorized by the Owner.

ALLOWANCE NO 1. Police Detail for Traffic Protection: An allowance of Forty-five Thousand Dollars (\$45,000.00) shall be provided to address this item. The Contractor shall be responsible for reviewing proposed work operations with the Engineer/Owner's Representative and shall coordinate and ensure the proper police detail is present to maintain orderly traffic flow and provide the necessary traffic protection. The Contractor shall provide documentation of the days and manhours required. The amount reimbursed will be the amount that is stated on the permit receipt(s). Unused allowances not expended for Police Detail for Traffic Protection shall be reimbursed to the Owner.

\$45,000.00
Lump Sum

Forty-five Thousand dollars
In Words

ALLOWANCE NO 2. Inlet Protection and Maintenance and Cleaning of Erosion and Pollution Controls: An allowance of Five-Thousand Dollars (\$5,000.00) shall be provided to address this item. The Contractor shall be responsible for placing, maintaining, and removing suitable inlet protection devices adjacent to the active work area to protect stormwater collection points from sediment due to erodible soils during the construction process to the satisfaction of the Engineer. The Contractor shall provide photo documentation of the devices used, for what duration and their location. The amount reimbursed will be the amount that is stated on the permit receipt(s). Unused allowances not expended for Inlet Protection and Maintenance and Cleaning of Erosion and Pollution Controls shall be reimbursed to the Owner.

\$5,000.00
Lump Sum

Five Thousand dollars
In Words

1.02 BID ALTERNATES:

Alternates as quoted are for provision of unit price adjustments to the Base Bid prior to Contract Award. The Bidder shall indicate in the appropriate field whether the Alternate results in an ADD or DEDUCT to the Base Bid unit price. The Alternate ADD or DEDUCT indicated will adjust the Base Bid unit price by the stated amount, not replace the Base Bid unit price, provided that the Alternate is selected by the Owner.

Alternates will be executed at the Owner's option. One or more alternates may be chosen. Accepted Alternates will be listed in the Owner/Contractor Agreement.

ALTERNATE BID 1 –Stamped and Colored Concrete Sidewalk

Alternate #1 shall be the ADDITION of stamped and colored concrete sidewalk areas to restore existing stamped and colored sidewalk areas. Additional stamped and colored concrete in 2'-wide bands may be added to select layouts to replace existing stamped and colored areas to be removed, estimated at 14 CY at the direction of the Engineer. The work will include identifying the matching pattern and color of the existing material, laying out areas within the sidewalk areas to be replaced that will conform PROWAG criteria, and placing stamped and colored concrete material to match into existing sidewalk areas. Base Bid is typical cement concrete sidewalk.

ADD \$ _____

ADD AMOUNT (words) _____

3.00 BID FORM SIGNATURE(S)

The Corporate Seal of

(Bidder - please print the full name of your Proprietorship, Partnership, or Corporation)

was hereunto affixed in the presence of:

(Authorized signing officer Title)

(Seal)

(Authorized signing officer Title)

If the Bid is a joint venture or partnership, add additional forms of execution for each member of the joint venture in the appropriate form or forms as above.

NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

State of _____)
 _____) ss
 County of _____)

_____,
 being first duly sworn, deposes and says that;

(1) He is _____ (owner, partner, officer, representative or agent) of _____, the BIDDER that has submitted the attached bid;

(2) He is fully informed respecting the preparation and contents of the attached Bid and all pertinent circumstances respecting such Bid;

(3) Such Bid is genuine and is not a collusive or sham Bid;

(4) Neither the said BIDDER nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including the affiant, has in any way colluded, conspired or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such a contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other BIDDER, firm or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the Bid price of any other BIDDER, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Local Government or any person interested in the proposed Contract; and

(5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the BIDDER or any of its agents, representatives, owners, employees or parties in interest including this affiant.

(Signed) _____

 (Title)

Subscribed and sworn to before me
 This _____ Day of _____, 20____

My Commission Expires _____

CERTIFICATE OF COMPLIANCE WITH TAX LAWS

I, _____ of _____, certify under
(principal) (corporation)
 pains and penalties of perjury that said corporation has complied with all the laws of the State of Rhode Island and
 Providence Plantations relating to taxes.

 Date

 Signature

 Title

 Federal Tax Identification Number

END OF SECTION

12 – General Conditions – AIA Document A201

GENERAL CONDITIONS

AIA DOCUMENT A201, 2007 EDITION

PART I – GENERAL

DESCRIPTION

- A. AIA Document A201, General Conditions of the Contract for Construction, Sixteenth Edition, 2007.

DRAFT AIA® Document A201™ – 2007

General Conditions of the Contract for Construction

for the following PROJECT:

(Name and location or address)

<< ->>
<< >>

THE OWNER:

(Name, legal status and address)

<< >><< >>
<< >>

THE ARCHITECT:

(Name, legal status and address)

<< >><< >>
<< >>

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

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ARTICLE 1 GENERAL PROVISIONS

§ 1.1 BASIC DEFINITIONS

§ 1.1.1 THE CONTRACT DOCUMENTS

The Contract Documents are enumerated in the Agreement between the Owner and Contractor (hereinafter the Agreement) and consist of the Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, Addenda issued prior to execution of the Contract, other documents listed in the Agreement and Modifications issued after execution of the Contract. A Modification is (1) a written amendment to the Contract signed by both parties, (2) a Change Order, (3) a Construction Change Directive or (4) a written order for a minor change in the Work issued by the Architect. Unless specifically enumerated in the Agreement, the Contract Documents do not include the advertisement or invitation to bid, Instructions to Bidders, sample forms, other information furnished by the Owner in anticipation of receiving bids or proposals, the Contractor's bid or proposal, or portions of Addenda relating to bidding requirements.

§ 1.1.2 THE CONTRACT

The Contract Documents form the Contract for Construction. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. The Contract may be amended or modified only by a Modification. The Contract Documents shall not be construed to create a contractual relationship of any kind (1) between the Contractor and the Architect or the Architect's consultants, (2) between the Owner and a Subcontractor or a Sub-subcontractor, (3) between the Owner and the Architect or the Architect's consultants or (4) between any persons or entities other than the Owner and the Contractor. The Architect shall, however, be entitled to performance and enforcement of obligations under the Contract intended to facilitate performance of the Architect's duties.

§ 1.1.3 THE WORK

The term "Work" means the construction and services required by the Contract Documents, whether completed or partially completed, and includes all other labor, materials, equipment and services provided or to be provided by the Contractor to fulfill the Contractor's obligations. The Work may constitute the whole or a part of the Project.

§ 1.1.4 THE PROJECT

The Project is the total construction of which the Work performed under the Contract Documents may be the whole or a part and which may include construction by the Owner and by separate contractors.

§ 1.1.5 THE DRAWINGS

The Drawings are the graphic and pictorial portions of the Contract Documents showing the design, location and dimensions of the Work, generally including plans, elevations, sections, details, schedules and diagrams.

§ 1.1.6 THE SPECIFICATIONS

The Specifications are that portion of the Contract Documents consisting of the written requirements for materials, equipment, systems, standards and workmanship for the Work, and performance of related services.

§ 1.1.7 INSTRUMENTS OF SERVICE

Instruments of Service are representations, in any medium of expression now known or later developed, of the tangible and intangible creative work performed by the Architect and the Architect's consultants under their respective professional services agreements. Instruments of Service may include, without limitation, studies, surveys, models, sketches, drawings, specifications, and other similar materials.

§ 1.1.8 INITIAL DECISION MAKER

The Initial Decision Maker is the person identified in the Agreement to render initial decisions on Claims in accordance with Section 15.2 and certify termination of the Agreement under Section 14.2.2.

§ 1.2 CORRELATION AND INTENT OF THE CONTRACT DOCUMENTS

§ 1.2.1 The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work by the Contractor. The Contract Documents are complementary, and what is required by one shall be as binding as if required by all; performance by the Contractor shall be required only to the extent consistent with the Contract Documents and reasonably inferable from them as being necessary to produce the indicated results.

§ 1.2.2 Organization of the Specifications into divisions, sections and articles, and arrangement of Drawings shall not control the Contractor in dividing the Work among Subcontractors or in establishing the extent of Work to be performed by any trade.

§ 1.2.3 Unless otherwise stated in the Contract Documents, words that have well-known technical or construction industry meanings are used in the Contract Documents in accordance with such recognized meanings.

§ 1.3 CAPITALIZATION

Terms capitalized in these General Conditions include those that are (1) specifically defined, (2) the titles of numbered articles or (3) the titles of other documents published by the American Institute of Architects.

§ 1.4 INTERPRETATION

In the interest of brevity the Contract Documents frequently omit modifying words such as “all” and “any” and articles such as “the” and “an,” but the fact that a modifier or an article is absent from one statement and appears in another is not intended to affect the interpretation of either statement.

§ 1.5 OWNERSHIP AND USE OF DRAWINGS, SPECIFICATIONS AND OTHER INSTRUMENTS OF SERVICE

§ 1.5.1 The Architect and the Architect’s consultants shall be deemed the authors and owners of their respective Instruments of Service, including the Drawings and Specifications, and will retain all common law, statutory and other reserved rights, including copyrights. The Contractor, Subcontractors, Sub-subcontractors, and material or equipment suppliers shall not own or claim a copyright in the Instruments of Service. Submittal or distribution to meet official regulatory requirements or for other purposes in connection with this Project is not to be construed as publication in derogation of the Architect’s or Architect’s consultants’ reserved rights.

§ 1.5.2 The Contractor, Subcontractors, Sub-subcontractors and material or equipment suppliers are authorized to use and reproduce the Instruments of Service provided to them solely and exclusively for execution of the Work. All copies made under this authorization shall bear the copyright notice, if any, shown on the Instruments of Service. The Contractor, Subcontractors, Sub-subcontractors, and material or equipment suppliers may not use the Instruments of Service on other projects or for additions to this Project outside the scope of the Work without the specific written consent of the Owner, Architect and the Architect’s consultants.

§ 1.6 TRANSMISSION OF DATA IN DIGITAL FORM

If the parties intend to transmit Instruments of Service or any other information or documentation in digital form, they shall endeavor to establish necessary protocols governing such transmissions, unless otherwise already provided in the Agreement or the Contract Documents.

ARTICLE 2 OWNER

§ 2.1 GENERAL

§ 2.1.1 The Owner is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The Owner shall designate in writing a representative who shall have express authority to bind the Owner with respect to all matters requiring the Owner’s approval or authorization. Except as otherwise provided in Section 4.2.1, the Architect does not have such authority. The term “Owner” means the Owner or the Owner’s authorized representative.

§ 2.1.2 The Owner shall furnish to the Contractor within fifteen days after receipt of a written request, information necessary and relevant for the Contractor to evaluate, give notice of or enforce mechanic’s lien rights. Such information shall include a correct statement of the record legal title to the property on which the Project is located, usually referred to as the site, and the Owner’s interest therein.

§ 2.2 INFORMATION AND SERVICES REQUIRED OF THE OWNER

§ 2.2.1 Prior to commencement of the Work, the Contractor may request in writing that the Owner provide reasonable evidence that the Owner has made financial arrangements to fulfill the Owner’s obligations under the Contract. Thereafter, the Contractor may only request such evidence if (1) the Owner fails to make payments to the Contractor as the Contract Documents require; (2) a change in the Work materially changes the Contract Sum; or (3) the Contractor identifies in writing a reasonable concern regarding the Owner’s ability to make payment when due. The Owner shall furnish such evidence as a condition precedent to commencement or continuation of the Work or the portion of the Work affected by a material change. After the Owner furnishes the evidence, the Owner shall not materially vary such financial arrangements without prior notice to the Contractor.

§ 2.2.2 Except for permits and fees that are the responsibility of the Contractor under the Contract Documents, including those required under Section 3.7.1, the Owner shall secure and pay for necessary approvals, easements, assessments and charges required for construction, use or occupancy of permanent structures or for permanent changes in existing facilities.

§ 2.2.3 The Owner shall furnish surveys describing physical characteristics, legal limitations and utility locations for the site of the Project, and a legal description of the site. The Contractor shall be entitled to rely on the accuracy of information furnished by the Owner but shall exercise proper precautions relating to the safe performance of the Work.

§ 2.2.4 The Owner shall furnish information or services required of the Owner by the Contract Documents with reasonable promptness. The Owner shall also furnish any other information or services under the Owner's control and relevant to the Contractor's performance of the Work with reasonable promptness after receiving the Contractor's written request for such information or services.

§ 2.2.5 Unless otherwise provided in the Contract Documents, the Owner shall furnish to the Contractor one copy of the Contract Documents for purposes of making reproductions pursuant to Section 1.5.2.

§ 2.3 OWNER'S RIGHT TO STOP THE WORK

If the Contractor fails to correct Work that is not in accordance with the requirements of the Contract Documents as required by Section 12.2 or repeatedly fails to carry out Work in accordance with the Contract Documents, the Owner may issue a written order to the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, the right of the Owner to stop the Work shall not give rise to a duty on the part of the Owner to exercise this right for the benefit of the Contractor or any other person or entity, except to the extent required by Section 6.1.3.

§ 2.4 OWNER'S RIGHT TO CARRY OUT THE WORK

If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents and fails within a ten-day period after receipt of written notice from the Owner to commence and continue correction of such default or neglect with diligence and promptness, the Owner may, without prejudice to other remedies the Owner may have, correct such deficiencies. In such case an appropriate Change Order shall be issued deducting from payments then or thereafter due the Contractor the reasonable cost of correcting such deficiencies, including Owner's expenses and compensation for the Architect's additional services made necessary by such default, neglect or failure. Such action by the Owner and amounts charged to the Contractor are both subject to prior approval of the Architect. If payments then or thereafter due the Contractor are not sufficient to cover such amounts, the Contractor shall pay the difference to the Owner.

ARTICLE 3 CONTRACTOR

§ 3.1 GENERAL

§ 3.1.1 The Contractor is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The Contractor shall be lawfully licensed, if required in the jurisdiction where the Project is located. The Contractor shall designate in writing a representative who shall have express authority to bind the Contractor with respect to all matters under this Contract. The term "Contractor" means the Contractor or the Contractor's authorized representative.

§ 3.1.2 The Contractor shall perform the Work in accordance with the Contract Documents.

§ 3.1.3 The Contractor shall not be relieved of obligations to perform the Work in accordance with the Contract Documents either by activities or duties of the Architect in the Architect's administration of the Contract, or by tests, inspections or approvals required or performed by persons or entities other than the Contractor.

§ 3.2 REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS BY CONTRACTOR

§ 3.2.1 Execution of the Contract by the Contractor is a representation that the Contractor has visited the site, become generally familiar with local conditions under which the Work is to be performed and correlated personal observations with requirements of the Contract Documents.

§ 3.2.2 Because the Contract Documents are complementary, the Contractor shall, before starting each portion of the Work, carefully study and compare the various Contract Documents relative to that portion of the Work, as well as the information furnished by the Owner pursuant to Section 2.2.3, shall take field measurements of any existing conditions related to that portion of the Work, and shall observe any conditions at the site affecting it. These

obligations are for the purpose of facilitating coordination and construction by the Contractor and are not for the purpose of discovering errors, omissions, or inconsistencies in the Contract Documents; however, the Contractor shall promptly report to the Architect any errors, inconsistencies or omissions discovered by or made known to the Contractor as a request for information in such form as the Architect may require. It is recognized that the Contractor's review is made in the Contractor's capacity as a contractor and not as a licensed design professional, unless otherwise specifically provided in the Contract Documents.

§ 3.2.3 The Contractor is not required to ascertain that the Contract Documents are in accordance with applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, but the Contractor shall promptly report to the Architect any nonconformity discovered by or made known to the Contractor as a request for information in such form as the Architect may require.

§ 3.2.4 If the Contractor believes that additional cost or time is involved because of clarifications or instructions the Architect issues in response to the Contractor's notices or requests for information pursuant to Sections 3.2.2 or 3.2.3, the Contractor shall make Claims as provided in Article 15. If the Contractor fails to perform the obligations of Sections 3.2.2 or 3.2.3, the Contractor shall pay such costs and damages to the Owner as would have been avoided if the Contractor had performed such obligations. If the Contractor performs those obligations, the Contractor shall not be liable to the Owner or Architect for damages resulting from errors, inconsistencies or omissions in the Contract Documents, for differences between field measurements or conditions and the Contract Documents, or for nonconformities of the Contract Documents to applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities.

§ 3.3 SUPERVISION AND CONSTRUCTION PROCEDURES

§ 3.3.1 The Contractor shall supervise and direct the Work, using the Contractor's best skill and attention. The Contractor shall be solely responsible for, and have control over, construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work under the Contract, unless the Contract Documents give other specific instructions concerning these matters. If the Contract Documents give specific instructions concerning construction means, methods, techniques, sequences or procedures, the Contractor shall evaluate the jobsite safety thereof and, except as stated below, shall be fully and solely responsible for the jobsite safety of such means, methods, techniques, sequences or procedures. If the Contractor determines that such means, methods, techniques, sequences or procedures may not be safe, the Contractor shall give timely written notice to the Owner and Architect and shall not proceed with that portion of the Work without further written instructions from the Architect. If the Contractor is then instructed to proceed with the required means, methods, techniques, sequences or procedures without acceptance of changes proposed by the Contractor, the Owner shall be solely responsible for any loss or damage arising solely from those Owner-required means, methods, techniques, sequences or procedures.

§ 3.3.2 The Contractor shall be responsible to the Owner for acts and omissions of the Contractor's employees, Subcontractors and their agents and employees, and other persons or entities performing portions of the Work for, or on behalf of, the Contractor or any of its Subcontractors.

§ 3.3.3 The Contractor shall be responsible for inspection of portions of Work already performed to determine that such portions are in proper condition to receive subsequent Work.

§ 3.4 LABOR AND MATERIALS

§ 3.4.1 Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

§ 3.4.2 Except in the case of minor changes in the Work authorized by the Architect in accordance with Sections 3.12.8 or 7.4, the Contractor may make substitutions only with the consent of the Owner, after evaluation by the Architect and in accordance with a Change Order or Construction Change Directive.

§ 3.4.3 The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Work. The Contractor shall not permit employment of unfit persons or persons not properly skilled in tasks assigned to them.

§ 3.5 WARRANTY

The Contractor warrants to the Owner and Architect that materials and equipment furnished under the Contract will be of good quality and new unless the Contract Documents require or permit otherwise. The Contractor further warrants that the Work will conform to the requirements of the Contract Documents and will be free from defects, except for those inherent in the quality of the Work the Contract Documents require or permit. Work, materials, or equipment not conforming to these requirements may be considered defective. The Contractor's warranty excludes remedy for damage or defect caused by abuse, alterations to the Work not executed by the Contractor, improper or insufficient maintenance, improper operation, or normal wear and tear and normal usage. If required by the Architect, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

§ 3.6 TAXES

The Contractor shall pay sales, consumer, use and similar taxes for the Work provided by the Contractor that are legally enacted when bids are received or negotiations concluded, whether or not yet effective or merely scheduled to go into effect.

§ 3.7 PERMITS, FEES, NOTICES AND COMPLIANCE WITH LAWS

§ 3.7.1 Unless otherwise provided in the Contract Documents, the Contractor shall secure and pay for the building permit as well as for other permits, fees, licenses, and inspections by government agencies necessary for proper execution and completion of the Work that are customarily secured after execution of the Contract and legally required at the time bids are received or negotiations concluded.

§ 3.7.2 The Contractor shall comply with and give notices required by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities applicable to performance of the Work.

§ 3.7.3 If the Contractor performs Work knowing it to be contrary to applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, the Contractor shall assume appropriate responsibility for such Work and shall bear the costs attributable to correction.

§ 3.7.4 Concealed or Unknown Conditions. If the Contractor encounters conditions at the site that are (1) subsurface or otherwise concealed physical conditions that differ materially from those indicated in the Contract Documents or (2) unknown physical conditions of an unusual nature, that differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in the Contract Documents, the Contractor shall promptly provide notice to the Owner and the Architect before conditions are disturbed and in no event later than 21 days after first observance of the conditions. The Architect will promptly investigate such conditions and, if the Architect determines that they differ materially and cause an increase or decrease in the Contractor's cost of, or time required for, performance of any part of the Work, will recommend an equitable adjustment in the Contract Sum or Contract Time, or both. If the Architect determines that the conditions at the site are not materially different from those indicated in the Contract Documents and that no change in the terms of the Contract is justified, the Architect shall promptly notify the Owner and Contractor in writing, stating the reasons. If either party disputes the Architect's determination or recommendation, that party may proceed as provided in Article 15.

§ 3.7.5 If, in the course of the Work, the Contractor encounters human remains or recognizes the existence of burial markers, archaeological sites or wetlands not indicated in the Contract Documents, the Contractor shall immediately suspend any operations that would affect them and shall notify the Owner and Architect. Upon receipt of such notice, the Owner shall promptly take any action necessary to obtain governmental authorization required to resume the operations. The Contractor shall continue to suspend such operations until otherwise instructed by the Owner but shall continue with all other operations that do not affect those remains or features. Requests for adjustments in the Contract Sum and Contract Time arising from the existence of such remains or features may be made as provided in Article 15.

§ 3.8 ALLOWANCES

§ 3.8.1 The Contractor shall include in the Contract Sum all allowances stated in the Contract Documents. Items covered by allowances shall be supplied for such amounts and by such persons or entities as the Owner may direct, but the Contractor shall not be required to employ persons or entities to whom the Contractor has reasonable objection.

§ 3.8.2 Unless otherwise provided in the Contract Documents,

- .1 Allowances shall cover the cost to the Contractor of materials and equipment delivered at the site and all required taxes, less applicable trade discounts;

- .2 Contractor's costs for unloading and handling at the site, labor, installation costs, overhead, profit and other expenses contemplated for stated allowance amounts shall be included in the Contract Sum but not in the allowances; and
- .3 Whenever costs are more than or less than allowances, the Contract Sum shall be adjusted accordingly by Change Order. The amount of the Change Order shall reflect (1) the difference between actual costs and the allowances under Section 3.8.2.1 and (2) changes in Contractor's costs under Section 3.8.2.2.

§ 3.8.3 Materials and equipment under an allowance shall be selected by the Owner with reasonable promptness.

§ 3.9 SUPERINTENDENT

§ 3.9.1 The Contractor shall employ a competent superintendent and necessary assistants who shall be in attendance at the Project site during performance of the Work. The superintendent shall represent the Contractor, and communications given to the superintendent shall be as binding as if given to the Contractor.

§ 3.9.2 The Contractor, as soon as practicable after award of the Contract, shall furnish in writing to the Owner through the Architect the name and qualifications of a proposed superintendent. The Architect may reply within 14 days to the Contractor in writing stating (1) whether the Owner or the Architect has reasonable objection to the proposed superintendent or (2) that the Architect requires additional time to review. Failure of the Architect to reply within the 14 day period shall constitute notice of no reasonable objection.

§ 3.9.3 The Contractor shall not employ a proposed superintendent to whom the Owner or Architect has made reasonable and timely objection. The Contractor shall not change the superintendent without the Owner's consent, which shall not unreasonably be withheld or delayed.

§ 3.10 CONTRACTOR'S CONSTRUCTION SCHEDULES

§ 3.10.1 The Contractor, promptly after being awarded the Contract, shall prepare and submit for the Owner's and Architect's information a Contractor's construction schedule for the Work. The schedule shall not exceed time limits current under the Contract Documents, shall be revised at appropriate intervals as required by the conditions of the Work and Project, shall be related to the entire Project to the extent required by the Contract Documents, and shall provide for expeditious and practicable execution of the Work.

§ 3.10.2 The Contractor shall prepare a submittal schedule, promptly after being awarded the Contract and thereafter as necessary to maintain a current submittal schedule, and shall submit the schedule(s) for the Architect's approval. The Architect's approval shall not unreasonably be delayed or withheld. The submittal schedule shall (1) be coordinated with the Contractor's construction schedule, and (2) allow the Architect reasonable time to review submittals. If the Contractor fails to submit a submittal schedule, the Contractor shall not be entitled to any increase in Contract Sum or extension of Contract Time based on the time required for review of submittals.

§ 3.10.3 The Contractor shall perform the Work in general accordance with the most recent schedules submitted to the Owner and Architect.

§ 3.11 DOCUMENTS AND SAMPLES AT THE SITE

The Contractor shall maintain at the site for the Owner one copy of the Drawings, Specifications, Addenda, Change Orders and other Modifications, in good order and marked currently to indicate field changes and selections made during construction, and one copy of approved Shop Drawings, Product Data, Samples and similar required submittals. These shall be available to the Architect and shall be delivered to the Architect for submittal to the Owner upon completion of the Work as a record of the Work as constructed.

§ 3.12 SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

§ 3.12.1 Shop Drawings are drawings, diagrams, schedules and other data specially prepared for the Work by the Contractor or a Subcontractor, Sub-subcontractor, manufacturer, supplier or distributor to illustrate some portion of the Work.

§ 3.12.2 Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by the Contractor to illustrate materials or equipment for some portion of the Work.

§ 3.12.3 Samples are physical examples that illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

§ 3.12.4 Shop Drawings, Product Data, Samples and similar submittals are not Contract Documents. Their purpose is to demonstrate the way by which the Contractor proposes to conform to the information given and the design concept expressed in the Contract Documents for those portions of the Work for which the Contract Documents require submittals. Review by the Architect is subject to the limitations of Section 4.2.7. Informational submittals upon which the Architect is not expected to take responsive action may be so identified in the Contract Documents. Submittals that are not required by the Contract Documents may be returned by the Architect without action.

§ 3.12.5 The Contractor shall review for compliance with the Contract Documents, approve and submit to the Architect Shop Drawings, Product Data, Samples and similar submittals required by the Contract Documents in accordance with the submittal schedule approved by the Architect or, in the absence of an approved submittal schedule, with reasonable promptness and in such sequence as to cause no delay in the Work or in the activities of the Owner or of separate contractors.

§ 3.12.6 By submitting Shop Drawings, Product Data, Samples and similar submittals, the Contractor represents to the Owner and Architect that the Contractor has (1) reviewed and approved them, (2) determined and verified materials, field measurements and field construction criteria related thereto, or will do so and (3) checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents.

§ 3.12.7 The Contractor shall perform no portion of the Work for which the Contract Documents require submittal and review of Shop Drawings, Product Data, Samples or similar submittals until the respective submittal has been approved by the Architect.

§ 3.12.8 The Work shall be in accordance with approved submittals except that the Contractor shall not be relieved of responsibility for deviations from requirements of the Contract Documents by the Architect's approval of Shop Drawings, Product Data, Samples or similar submittals unless the Contractor has specifically informed the Architect in writing of such deviation at the time of submittal and (1) the Architect has given written approval to the specific deviation as a minor change in the Work, or (2) a Change Order or Construction Change Directive has been issued authorizing the deviation. The Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples or similar submittals by the Architect's approval thereof.

§ 3.12.9 The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data, Samples or similar submittals, to revisions other than those requested by the Architect on previous submittals. In the absence of such written notice, the Architect's approval of a resubmission shall not apply to such revisions.

§ 3.12.10 The Contractor shall not be required to provide professional services that constitute the practice of architecture or engineering unless such services are specifically required by the Contract Documents for a portion of the Work or unless the Contractor needs to provide such services in order to carry out the Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. The Contractor shall not be required to provide professional services in violation of applicable law. If professional design services or certifications by a design professional related to systems, materials or equipment are specifically required of the Contractor by the Contract Documents, the Owner and the Architect will specify all performance and design criteria that such services must satisfy. The Contractor shall cause such services or certifications to be provided by a properly licensed design professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to the Architect. The Owner and the Architect shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications and approvals performed or provided by such design professionals, provided the Owner and Architect have specified to the Contractor all performance and design criteria that such services must satisfy. Pursuant to this Section 3.12.10, the Architect will review, approve or take other appropriate action on submittals only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. The Contractor shall not be responsible for the adequacy of the performance and design criteria specified in the Contract Documents.

§ 3.13 USE OF SITE

The Contractor shall confine operations at the site to areas permitted by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities and the Contract Documents and shall not unreasonably encumber the site with materials or equipment.

§ 3.14 CUTTING AND PATCHING

§ 3.14.1 The Contractor shall be responsible for cutting, fitting or patching required to complete the Work or to make its parts fit together properly. All areas requiring cutting, fitting and patching shall be restored to the condition existing prior to the cutting, fitting and patching, unless otherwise required by the Contract Documents.

§ 3.14.2 The Contractor shall not damage or endanger a portion of the Work or fully or partially completed construction of the Owner or separate contractors by cutting, patching or otherwise altering such construction, or by excavation. The Contractor shall not cut or otherwise alter such construction by the Owner or a separate contractor except with written consent of the Owner and of such separate contractor; such consent shall not be unreasonably withheld. The Contractor shall not unreasonably withhold from the Owner or a separate contractor the Contractor's consent to cutting or otherwise altering the Work.

§ 3.15 CLEANING UP

§ 3.15.1 The Contractor shall keep the premises and surrounding area free from accumulation of waste materials or rubbish caused by operations under the Contract. At completion of the Work, the Contractor shall remove waste materials, rubbish, the Contractor's tools, construction equipment, machinery and surplus materials from and about the Project.

§ 3.15.2 If the Contractor fails to clean up as provided in the Contract Documents, the Owner may do so and Owner shall be entitled to reimbursement from the Contractor.

§ 3.16 ACCESS TO WORK

The Contractor shall provide the Owner and Architect access to the Work in preparation and progress wherever located.

§ 3.17 ROYALTIES, PATENTS AND COPYRIGHTS

The Contractor shall pay all royalties and license fees. The Contractor shall defend suits or claims for infringement of copyrights and patent rights and shall hold the Owner and Architect harmless from loss on account thereof, but shall not be responsible for such defense or loss when a particular design, process or product of a particular manufacturer or manufacturers is required by the Contract Documents, or where the copyright violations are contained in Drawings, Specifications or other documents prepared by the Owner or Architect. However, if the Contractor has reason to believe that the required design, process or product is an infringement of a copyright or a patent, the Contractor shall be responsible for such loss unless such information is promptly furnished to the Architect.

§ 3.18 INDEMNIFICATION

§ 3.18.1 To the fullest extent permitted by law the Contractor shall indemnify and hold harmless the Owner, Architect, Architect's consultants, and agents and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), but only to the extent caused by the negligent acts or omissions of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity that would otherwise exist as to a party or person described in this Section 3.18.

§ 3.18.2 In claims against any person or entity indemnified under this Section 3.18 by an employee of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under Section 3.18.1 shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Contractor or a Subcontractor under workers' compensation acts, disability benefit acts or other employee benefit acts.

ARTICLE 4 ARCHITECT

§ 4.1 GENERAL

§ 4.1.1 The Owner shall retain an architect lawfully licensed to practice architecture or an entity lawfully practicing architecture in the jurisdiction where the Project is located. That person or entity is identified as the Architect in the Agreement and is referred to throughout the Contract Documents as if singular in number.

§ 4.1.2 Duties, responsibilities and limitations of authority of the Architect as set forth in the Contract Documents shall not be restricted, modified or extended without written consent of the Owner, Contractor and Architect. Consent shall not be unreasonably withheld.

§ 4.1.3 If the employment of the Architect is terminated, the Owner shall employ a successor architect as to whom the Contractor has no reasonable objection and whose status under the Contract Documents shall be that of the Architect.

§ 4.2 ADMINISTRATION OF THE CONTRACT

§ 4.2.1 The Architect will provide administration of the Contract as described in the Contract Documents and will be an Owner's representative during construction until the date the Architect issues the final Certificate for Payment. The Architect will have authority to act on behalf of the Owner only to the extent provided in the Contract Documents.

§ 4.2.2 The Architect will visit the site at intervals appropriate to the stage of construction, or as otherwise agreed with the Owner, to become generally familiar with the progress and quality of the portion of the Work completed, and to determine in general if the Work observed is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the Contract Documents. However, the Architect will not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. The Architect will not have control over, charge of, or responsibility for, the construction means, methods, techniques, sequences or procedures, or for the safety precautions and programs in connection with the Work, since these are solely the Contractor's rights and responsibilities under the Contract Documents, except as provided in Section 3.3.1.

§ 4.2.3 On the basis of the site visits, the Architect will keep the Owner reasonably informed about the progress and quality of the portion of the Work completed, and report to the Owner (1) known deviations from the Contract Documents and from the most recent construction schedule submitted by the Contractor, and (2) defects and deficiencies observed in the Work. The Architect will not be responsible for the Contractor's failure to perform the Work in accordance with the requirements of the Contract Documents. The Architect will not have control over or charge of and will not be responsible for acts or omissions of the Contractor, Subcontractors, or their agents or employees, or any other persons or entities performing portions of the Work.

§ 4.2.4 COMMUNICATIONS FACILITATING CONTRACT ADMINISTRATION

Except as otherwise provided in the Contract Documents or when direct communications have been specially authorized, the Owner and Contractor shall endeavor to communicate with each other through the Architect about matters arising out of or relating to the Contract. Communications by and with the Architect's consultants shall be through the Architect. Communications by and with Subcontractors and material suppliers shall be through the Contractor. Communications by and with separate contractors shall be through the Owner.

§ 4.2.5 Based on the Architect's evaluations of the Contractor's Applications for Payment, the Architect will review and certify the amounts due the Contractor and will issue Certificates for Payment in such amounts.

§ 4.2.6 The Architect has authority to reject Work that does not conform to the Contract Documents. Whenever the Architect considers it necessary or advisable, the Architect will have authority to require inspection or testing of the Work in accordance with Sections 13.5.2 and 13.5.3, whether or not such Work is fabricated, installed or completed. However, neither this authority of the Architect nor a decision made in good faith either to exercise or not to exercise such authority shall give rise to a duty or responsibility of the Architect to the Contractor, Subcontractors, material and equipment suppliers, their agents or employees, or other persons or entities performing portions of the Work.

§ 4.2.7 The Architect will review and approve, or take other appropriate action upon, the Contractor's submittals such as Shop Drawings, Product Data and Samples, but only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. The Architect's action will be taken in accordance with the submittal schedule approved by the Architect or, in the absence of an approved submittal schedule, with reasonable promptness while allowing sufficient time in the Architect's professional judgment to permit adequate review. Review of such submittals is not conducted for the purpose of determining the accuracy and completeness of other details such as dimensions and quantities, or for substantiating instructions for installation or performance of equipment or systems, all of which remain the responsibility of the Contractor as required by the Contract Documents. The Architect's review of the Contractor's submittals shall not relieve the Contractor of the obligations under Sections 3.3, 3.5 and 3.12. The Architect's review shall not constitute approval of safety precautions or, unless otherwise specifically stated by the Architect, of any construction means, methods,

techniques, sequences or procedures. The Architect's approval of a specific item shall not indicate approval of an assembly of which the item is a component.

§ 4.2.8 The Architect will prepare Change Orders and Construction Change Directives, and may authorize minor changes in the Work as provided in Section 7.4. The Architect will investigate and make determinations and recommendations regarding concealed and unknown conditions as provided in Section 3.7.4.

§ 4.2.9 The Architect will conduct inspections to determine the date or dates of Substantial Completion and the date of final completion; issue Certificates of Substantial Completion pursuant to Section 9.8; receive and forward to the Owner, for the Owner's review and records, written warranties and related documents required by the Contract and assembled by the Contractor pursuant to Section 9.10; and issue a final Certificate for Payment pursuant to Section 9.10.

§ 4.2.10 If the Owner and Architect agree, the Architect will provide one or more project representatives to assist in carrying out the Architect's responsibilities at the site. The duties, responsibilities and limitations of authority of such project representatives shall be as set forth in an exhibit to be incorporated in the Contract Documents.

§ 4.2.11 The Architect will interpret and decide matters concerning performance under, and requirements of, the Contract Documents on written request of either the Owner or Contractor. The Architect's response to such requests will be made in writing within any time limits agreed upon or otherwise with reasonable promptness.

§ 4.2.12 Interpretations and decisions of the Architect will be consistent with the intent of, and reasonably inferable from, the Contract Documents and will be in writing or in the form of drawings. When making such interpretations and decisions, the Architect will endeavor to secure faithful performance by both Owner and Contractor, will not show partiality to either and will not be liable for results of interpretations or decisions rendered in good faith.

§ 4.2.13 The Architect's decisions on matters relating to aesthetic effect will be final if consistent with the intent expressed in the Contract Documents.

§ 4.2.14 The Architect will review and respond to requests for information about the Contract Documents. The Architect's response to such requests will be made in writing within any time limits agreed upon or otherwise with reasonable promptness. If appropriate, the Architect will prepare and issue supplemental Drawings and Specifications in response to the requests for information.

ARTICLE 5 SUBCONTRACTORS

§ 5.1 DEFINITIONS

§ 5.1.1 A Subcontractor is a person or entity who has a direct contract with the Contractor to perform a portion of the Work at the site. The term "Subcontractor" is referred to throughout the Contract Documents as if singular in number and means a Subcontractor or an authorized representative of the Subcontractor. The term "Subcontractor" does not include a separate contractor or subcontractors of a separate contractor.

§ 5.1.2 A Sub-subcontractor is a person or entity who has a direct or indirect contract with a Subcontractor to perform a portion of the Work at the site. The term "Sub-subcontractor" is referred to throughout the Contract Documents as if singular in number and means a Sub-subcontractor or an authorized representative of the Sub-subcontractor.

§ 5.2 AWARD OF SUBCONTRACTS AND OTHER CONTRACTS FOR PORTIONS OF THE WORK

§ 5.2.1 Unless otherwise stated in the Contract Documents or the bidding requirements, the Contractor, as soon as practicable after award of the Contract, shall furnish in writing to the Owner through the Architect the names of persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for each principal portion of the Work. The Architect may reply within 14 days to the Contractor in writing stating (1) whether the Owner or the Architect has reasonable objection to any such proposed person or entity or (2) that the Architect requires additional time for review. Failure of the Owner or Architect to reply within the 14-day period shall constitute notice of no reasonable objection.

§ 5.2.2 The Contractor shall not contract with a proposed person or entity to whom the Owner or Architect has made reasonable and timely objection. The Contractor shall not be required to contract with anyone to whom the Contractor has made reasonable objection.

§ 5.2.3 If the Owner or Architect has reasonable objection to a person or entity proposed by the Contractor, the Contractor shall propose another to whom the Owner or Architect has no reasonable objection. If the proposed but rejected Subcontractor was reasonably capable of performing the Work, the Contract Sum and Contract Time shall be increased or decreased by the difference, if any, occasioned by such change, and an appropriate Change Order shall be issued before commencement of the substitute Subcontractor's Work. However, no increase in the Contract Sum or Contract Time shall be allowed for such change unless the Contractor has acted promptly and responsively in submitting names as required.

§ 5.2.4 The Contractor shall not substitute a Subcontractor, person or entity previously selected if the Owner or Architect makes reasonable objection to such substitution.

§ 5.3 SUBCONTRACTUAL RELATIONS

By appropriate agreement, written where legally required for validity, the Contractor shall require each Subcontractor, to the extent of the Work to be performed by the Subcontractor, to be bound to the Contractor by terms of the Contract Documents, and to assume toward the Contractor all the obligations and responsibilities, including the responsibility for safety of the Subcontractor's Work, which the Contractor, by these Documents, assumes toward the Owner and Architect. Each subcontract agreement shall preserve and protect the rights of the Owner and Architect under the Contract Documents with respect to the Work to be performed by the Subcontractor so that subcontracting thereof will not prejudice such rights, and shall allow to the Subcontractor, unless specifically provided otherwise in the subcontract agreement, the benefit of all rights, remedies and redress against the Contractor that the Contractor, by the Contract Documents, has against the Owner. Where appropriate, the Contractor shall require each Subcontractor to enter into similar agreements with Sub-subcontractors. The Contractor shall make available to each proposed Subcontractor, prior to the execution of the subcontract agreement, copies of the Contract Documents to which the Subcontractor will be bound, and, upon written request of the Subcontractor, identify to the Subcontractor terms and conditions of the proposed subcontract agreement that may be at variance with the Contract Documents. Subcontractors will similarly make copies of applicable portions of such documents available to their respective proposed Sub-subcontractors.

§ 5.4 CONTINGENT ASSIGNMENT OF SUBCONTRACTS

§ 5.4.1 Each subcontract agreement for a portion of the Work is assigned by the Contractor to the Owner, provided that

- .1 assignment is effective only after termination of the Contract by the Owner for cause pursuant to Section 14.2 and only for those subcontract agreements that the Owner accepts by notifying the Subcontractor and Contractor in writing; and
- .2 assignment is subject to the prior rights of the surety, if any, obligated under bond relating to the Contract.

When the Owner accepts the assignment of a subcontract agreement, the Owner assumes the Contractor's rights and obligations under the subcontract.

§ 5.4.2 Upon such assignment, if the Work has been suspended for more than 30 days, the Subcontractor's compensation shall be equitably adjusted for increases in cost resulting from the suspension.

§ 5.4.3 Upon such assignment to the Owner under this Section 5.4, the Owner may further assign the subcontract to a successor contractor or other entity. If the Owner assigns the subcontract to a successor contractor or other entity, the Owner shall nevertheless remain legally responsible for all of the successor contractor's obligations under the subcontract.

ARTICLE 6 CONSTRUCTION BY OWNER OR BY SEPARATE CONTRACTORS

§ 6.1 OWNER'S RIGHT TO PERFORM CONSTRUCTION AND TO AWARD SEPARATE CONTRACTS

§ 6.1.1 The Owner reserves the right to perform construction or operations related to the Project with the Owner's own forces, and to award separate contracts in connection with other portions of the Project or other construction or operations on the site under Conditions of the Contract identical or substantially similar to these including those portions related to insurance and waiver of subrogation. If the Contractor claims that delay or additional cost is involved because of such action by the Owner, the Contractor shall make such Claim as provided in Article 15.

§ 6.1.2 When separate contracts are awarded for different portions of the Project or other construction or operations on the site, the term "Contractor" in the Contract Documents in each case shall mean the Contractor who executes each separate Owner-Contractor Agreement.

§ 6.1.3 The Owner shall provide for coordination of the activities of the Owner's own forces and of each separate contractor with the Work of the Contractor, who shall cooperate with them. The Contractor shall participate with other separate contractors and the Owner in reviewing their construction schedules. The Contractor shall make any revisions to the construction schedule deemed necessary after a joint review and mutual agreement. The construction schedules shall then constitute the schedules to be used by the Contractor, separate contractors and the Owner until subsequently revised.

§ 6.1.4 Unless otherwise provided in the Contract Documents, when the Owner performs construction or operations related to the Project with the Owner's own forces, the Owner shall be deemed to be subject to the same obligations and to have the same rights that apply to the Contractor under the Conditions of the Contract, including, without excluding others, those stated in Article 3, this Article 6 and Articles 10, 11 and 12.

§ 6.2 MUTUAL RESPONSIBILITY

§ 6.2.1 The Contractor shall afford the Owner and separate contractors reasonable opportunity for introduction and storage of their materials and equipment and performance of their activities, and shall connect and coordinate the Contractor's construction and operations with theirs as required by the Contract Documents.

§ 6.2.2 If part of the Contractor's Work depends for proper execution or results upon construction or operations by the Owner or a separate contractor, the Contractor shall, prior to proceeding with that portion of the Work, promptly report to the Architect apparent discrepancies or defects in such other construction that would render it unsuitable for such proper execution and results. Failure of the Contractor so to report shall constitute an acknowledgment that the Owner's or separate contractor's completed or partially completed construction is fit and proper to receive the Contractor's Work, except as to defects not then reasonably discoverable.

§ 6.2.3 The Contractor shall reimburse the Owner for costs the Owner incurs that are payable to a separate contractor because of the Contractor's delays, improperly timed activities or defective construction. The Owner shall be responsible to the Contractor for costs the Contractor incurs because of a separate contractor's delays, improperly timed activities, damage to the Work or defective construction.

§ 6.2.4 The Contractor shall promptly remedy damage the Contractor wrongfully causes to completed or partially completed construction or to property of the Owner or separate contractors as provided in Section 10.2.5.

§ 6.2.5 The Owner and each separate contractor shall have the same responsibilities for cutting and patching as are described for the Contractor in Section 3.14.

§ 6.3 OWNER'S RIGHT TO CLEAN UP

If a dispute arises among the Contractor, separate contractors and the Owner as to the responsibility under their respective contracts for maintaining the premises and surrounding area free from waste materials and rubbish, the Owner may clean up and the Architect will allocate the cost among those responsible.

ARTICLE 7 CHANGES IN THE WORK

§ 7.1 GENERAL

§ 7.1.1 Changes in the Work may be accomplished after execution of the Contract, and without invalidating the Contract, by Change Order, Construction Change Directive or order for a minor change in the Work, subject to the limitations stated in this Article 7 and elsewhere in the Contract Documents.

§ 7.1.2 A Change Order shall be based upon agreement among the Owner, Contractor and Architect; a Construction Change Directive requires agreement by the Owner and Architect and may or may not be agreed to by the Contractor; an order for a minor change in the Work may be issued by the Architect alone.

§ 7.1.3 Changes in the Work shall be performed under applicable provisions of the Contract Documents, and the Contractor shall proceed promptly, unless otherwise provided in the Change Order, Construction Change Directive or order for a minor change in the Work.

§ 7.2 CHANGE ORDERS

§ 7.2.1 A Change Order is a written instrument prepared by the Architect and signed by the Owner, Contractor and Architect stating their agreement upon all of the following:

- .1 The change in the Work;
- .2 The amount of the adjustment, if any, in the Contract Sum; and
- .3 The extent of the adjustment, if any, in the Contract Time.

§ 7.3 CONSTRUCTION CHANGE DIRECTIVES

§ 7.3.1 A Construction Change Directive is a written order prepared by the Architect and signed by the Owner and Architect, directing a change in the Work prior to agreement on adjustment, if any, in the Contract Sum or Contract Time, or both. The Owner may by Construction Change Directive, without invalidating the Contract, order changes in the Work within the general scope of the Contract consisting of additions, deletions or other revisions, the Contract Sum and Contract Time being adjusted accordingly.

§ 7.3.2 A Construction Change Directive shall be used in the absence of total agreement on the terms of a Change Order.

§ 7.3.3 If the Construction Change Directive provides for an adjustment to the Contract Sum, the adjustment shall be based on one of the following methods:

- .1 Mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation;
- .2 Unit prices stated in the Contract Documents or subsequently agreed upon;
- .3 Cost to be determined in a manner agreed upon by the parties and a mutually acceptable fixed or percentage fee; or
- .4 As provided in Section 7.3.7.

§ 7.3.4 If unit prices are stated in the Contract Documents or subsequently agreed upon, and if quantities originally contemplated are materially changed in a proposed Change Order or Construction Change Directive so that application of such unit prices to quantities of Work proposed will cause substantial inequity to the Owner or Contractor, the applicable unit prices shall be equitably adjusted.

§ 7.3.5 Upon receipt of a Construction Change Directive, the Contractor shall promptly proceed with the change in the Work involved and advise the Architect of the Contractor's agreement or disagreement with the method, if any, provided in the Construction Change Directive for determining the proposed adjustment in the Contract Sum or Contract Time.

§ 7.3.6 A Construction Change Directive signed by the Contractor indicates the Contractor's agreement therewith, including adjustment in Contract Sum and Contract Time or the method for determining them. Such agreement shall be effective immediately and shall be recorded as a Change Order.

§ 7.3.7 If the Contractor does not respond promptly or disagrees with the method for adjustment in the Contract Sum, the Architect shall determine the method and the adjustment on the basis of reasonable expenditures and savings of those performing the Work attributable to the change, including, in case of an increase in the Contract Sum, an amount for overhead and profit as set forth in the Agreement, or if no such amount is set forth in the Agreement, a reasonable amount. In such case, and also under Section 7.3.3.3, the Contractor shall keep and present, in such form as the Architect may prescribe, an itemized accounting together with appropriate supporting data. Unless otherwise provided in the Contract Documents, costs for the purposes of this Section 7.3.7 shall be limited to the following:

- .1 Costs of labor, including social security, old age and unemployment insurance, fringe benefits required by agreement or custom, and workers' compensation insurance;
- .2 Costs of materials, supplies and equipment, including cost of transportation, whether incorporated or consumed;
- .3 Rental costs of machinery and equipment, exclusive of hand tools, whether rented from the Contractor or others;
- .4 Costs of premiums for all bonds and insurance, permit fees, and sales, use or similar taxes related to the Work; and
- .5 Additional costs of supervision and field office personnel directly attributable to the change.

§ 7.3.8 The amount of credit to be allowed by the Contractor to the Owner for a deletion or change that results in a net decrease in the Contract Sum shall be actual net cost as confirmed by the Architect. When both additions and credits covering related Work or substitutions are involved in a change, the allowance for overhead and profit shall be figured on the basis of net increase, if any, with respect to that change.

§ 7.3.9 Pending final determination of the total cost of a Construction Change Directive to the Owner, the Contractor may request payment for Work completed under the Construction Change Directive in Applications for Payment. The Architect will make an interim determination for purposes of monthly certification for payment for those costs and certify for payment the amount that the Architect determines, in the Architect's professional judgment, to be

reasonably justified. The Architect's interim determination of cost shall adjust the Contract Sum on the same basis as a Change Order, subject to the right of either party to disagree and assert a Claim in accordance with Article 15.

§ 7.3.10 When the Owner and Contractor agree with a determination made by the Architect concerning the adjustments in the Contract Sum and Contract Time, or otherwise reach agreement upon the adjustments, such agreement shall be effective immediately and the Architect will prepare a Change Order. Change Orders may be issued for all or any part of a Construction Change Directive.

§ 7.4 MINOR CHANGES IN THE WORK

The Architect has authority to order minor changes in the Work not involving adjustment in the Contract Sum or extension of the Contract Time and not inconsistent with the intent of the Contract Documents. Such changes will be effected by written order signed by the Architect and shall be binding on the Owner and Contractor.

ARTICLE 8 TIME

§ 8.1 DEFINITIONS

§ 8.1.1 Unless otherwise provided, Contract Time is the period of time, including authorized adjustments, allotted in the Contract Documents for Substantial Completion of the Work.

§ 8.1.2 The date of commencement of the Work is the date established in the Agreement.

§ 8.1.3 The date of Substantial Completion is the date certified by the Architect in accordance with Section 9.8.

§ 8.1.4 The term "day" as used in the Contract Documents shall mean calendar day unless otherwise specifically defined.

§ 8.2 PROGRESS AND COMPLETION

§ 8.2.1 Time limits stated in the Contract Documents are of the essence of the Contract. By executing the Agreement the Contractor confirms that the Contract Time is a reasonable period for performing the Work.

§ 8.2.2 The Contractor shall not knowingly, except by agreement or instruction of the Owner in writing, prematurely commence operations on the site or elsewhere prior to the effective date of insurance required by Article 11 to be furnished by the Contractor and Owner. The date of commencement of the Work shall not be changed by the effective date of such insurance.

§ 8.2.3 The Contractor shall proceed expeditiously with adequate forces and shall achieve Substantial Completion within the Contract Time.

§ 8.3 DELAYS AND EXTENSIONS OF TIME

§ 8.3.1 If the Contractor is delayed at any time in the commencement or progress of the Work by an act or neglect of the Owner or Architect, or of an employee of either, or of a separate contractor employed by the Owner; or by changes ordered in the Work; or by labor disputes, fire, unusual delay in deliveries, unavoidable casualties or other causes beyond the Contractor's control; or by delay authorized by the Owner pending mediation and arbitration; or by other causes that the Architect determines may justify delay, then the Contract Time shall be extended by Change Order for such reasonable time as the Architect may determine.

§ 8.3.2 Claims relating to time shall be made in accordance with applicable provisions of Article 15.

§ 8.3.3 This Section 8.3 does not preclude recovery of damages for delay by either party under other provisions of the Contract Documents.

ARTICLE 9 PAYMENTS AND COMPLETION

§ 9.1 CONTRACT SUM

The Contract Sum is stated in the Agreement and, including authorized adjustments, is the total amount payable by the Owner to the Contractor for performance of the Work under the Contract Documents.

§ 9.2 SCHEDULE OF VALUES

Where the Contract is based on a stipulated sum or Guaranteed Maximum Price, the Contractor shall submit to the Architect, before the first Application for Payment, a schedule of values allocating the entire Contract Sum to the various portions of the Work and prepared in such form and supported by such data to substantiate its accuracy as

the Architect may require. This schedule, unless objected to by the Architect, shall be used as a basis for reviewing the Contractor's Applications for Payment.

§ 9.3 APPLICATIONS FOR PAYMENT

§ 9.3.1 At least ten days before the date established for each progress payment, the Contractor shall submit to the Architect an itemized Application for Payment prepared in accordance with the schedule of values, if required under Section 9.2, for completed portions of the Work. Such application shall be notarized, if required, and supported by such data substantiating the Contractor's right to payment as the Owner or Architect may require, such as copies of requisitions from Subcontractors and material suppliers, and shall reflect retainage if provided for in the Contract Documents.

§ 9.3.1.1 As provided in Section 7.3.9, such applications may include requests for payment on account of changes in the Work that have been properly authorized by Construction Change Directives, or by interim determinations of the Architect, but not yet included in Change Orders.

§ 9.3.1.2 Applications for Payment shall not include requests for payment for portions of the Work for which the Contractor does not intend to pay a Subcontractor or material supplier, unless such Work has been performed by others whom the Contractor intends to pay.

§ 9.3.2 Unless otherwise provided in the Contract Documents, payments shall be made on account of materials and equipment delivered and suitably stored at the site for subsequent incorporation in the Work. If approved in advance by the Owner, payment may similarly be made for materials and equipment suitably stored off the site at a location agreed upon in writing. Payment for materials and equipment stored on or off the site shall be conditioned upon compliance by the Contractor with procedures satisfactory to the Owner to establish the Owner's title to such materials and equipment or otherwise protect the Owner's interest, and shall include the costs of applicable insurance, storage and transportation to the site for such materials and equipment stored off the site.

§ 9.3.3 The Contractor warrants that title to all Work covered by an Application for Payment will pass to the Owner no later than the time of payment. The Contractor further warrants that upon submittal of an Application for Payment all Work for which Certificates for Payment have been previously issued and payments received from the Owner shall, to the best of the Contractor's knowledge, information and belief, be free and clear of liens, claims, security interests or encumbrances in favor of the Contractor, Subcontractors, material suppliers, or other persons or entities making a claim by reason of having provided labor, materials and equipment relating to the Work.

§ 9.4 CERTIFICATES FOR PAYMENT

§ 9.4.1 The Architect will, within seven days after receipt of the Contractor's Application for Payment, either issue to the Owner a Certificate for Payment, with a copy to the Contractor, for such amount as the Architect determines is properly due, or notify the Contractor and Owner in writing of the Architect's reasons for withholding certification in whole or in part as provided in Section 9.5.1.

§ 9.4.2 The issuance of a Certificate for Payment will constitute a representation by the Architect to the Owner, based on the Architect's evaluation of the Work and the data comprising the Application for Payment, that, to the best of the Architect's knowledge, information and belief, the Work has progressed to the point indicated and that the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject to an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion, to results of subsequent tests and inspections, to correction of minor deviations from the Contract Documents prior to completion and to specific qualifications expressed by the Architect. The issuance of a Certificate for Payment will further constitute a representation that the Contractor is entitled to payment in the amount certified. However, the issuance of a Certificate for Payment will not be a representation that the Architect has (1) made exhaustive or continuous on-site inspections to check the quality or quantity of the Work, (2) reviewed construction means, methods, techniques, sequences or procedures, (3) reviewed copies of requisitions received from Subcontractors and material suppliers and other data requested by the Owner to substantiate the Contractor's right to payment, or (4) made examination to ascertain how or for what purpose the Contractor has used money previously paid on account of the Contract Sum.

§ 9.5 DECISIONS TO WITHHOLD CERTIFICATION

§ 9.5.1 The Architect may withhold a Certificate for Payment in whole or in part, to the extent reasonably necessary to protect the Owner, if in the Architect's opinion the representations to the Owner required by Section 9.4.2 cannot be made. If the Architect is unable to certify payment in the amount of the Application, the Architect will notify the Contractor and Owner as provided in Section 9.4.1. If the Contractor and Architect cannot agree on a revised amount, the Architect will promptly issue a Certificate for Payment for the amount for which the Architect is able to

make such representations to the Owner. The Architect may also withhold a Certificate for Payment or, because of subsequently discovered evidence, may nullify the whole or a part of a Certificate for Payment previously issued, to such extent as may be necessary in the Architect's opinion to protect the Owner from loss for which the Contractor is responsible, including loss resulting from acts and omissions described in Section 3.3.2, because of

- .1 defective Work not remedied;
- .2 third party claims filed or reasonable evidence indicating probable filing of such claims unless security acceptable to the Owner is provided by the Contractor;
- .3 failure of the Contractor to make payments properly to Subcontractors or for labor, materials or equipment;
- .4 reasonable evidence that the Work cannot be completed for the unpaid balance of the Contract Sum;
- .5 damage to the Owner or a separate contractor;
- .6 reasonable evidence that the Work will not be completed within the Contract Time, and that the unpaid balance would not be adequate to cover actual or liquidated damages for the anticipated delay; or
- .7 repeated failure to carry out the Work in accordance with the Contract Documents.

§ 9.5.2 When the above reasons for withholding certification are removed, certification will be made for amounts previously withheld.

§ 9.5.3 If the Architect withholds certification for payment under Section 9.5.1.3, the Owner may, at its sole option, issue joint checks to the Contractor and to any Subcontractor or material or equipment suppliers to whom the Contractor failed to make payment for Work properly performed or material or equipment suitably delivered. If the Owner makes payments by joint check, the Owner shall notify the Architect and the Architect will reflect such payment on the next Certificate for Payment.

§ 9.6 PROGRESS PAYMENTS

§ 9.6.1 After the Architect has issued a Certificate for Payment, the Owner shall make payment in the manner and within the time provided in the Contract Documents, and shall so notify the Architect.

§ 9.6.2 The Contractor shall pay each Subcontractor no later than seven days after receipt of payment from the Owner the amount to which the Subcontractor is entitled, reflecting percentages actually retained from payments to the Contractor on account of the Subcontractor's portion of the Work. The Contractor shall, by appropriate agreement with each Subcontractor, require each Subcontractor to make payments to Sub-subcontractors in a similar manner.

§ 9.6.3 The Architect will, on request, furnish to a Subcontractor, if practicable, information regarding percentages of completion or amounts applied for by the Contractor and action taken thereon by the Architect and Owner on account of portions of the Work done by such Subcontractor.

§ 9.6.4 The Owner has the right to request written evidence from the Contractor that the Contractor has properly paid Subcontractors and material and equipment suppliers amounts paid by the Owner to the Contractor for subcontracted Work. If the Contractor fails to furnish such evidence within seven days, the Owner shall have the right to contact Subcontractors to ascertain whether they have been properly paid. Neither the Owner nor Architect shall have an obligation to pay or to see to the payment of money to a Subcontractor, except as may otherwise be required by law.

§ 9.6.5 Contractor payments to material and equipment suppliers shall be treated in a manner similar to that provided in Sections 9.6.2, 9.6.3 and 9.6.4.

§ 9.6.6 A Certificate for Payment, a progress payment, or partial or entire use or occupancy of the Project by the Owner shall not constitute acceptance of Work not in accordance with the Contract Documents.

§ 9.6.7 Unless the Contractor provides the Owner with a payment bond in the full penal sum of the Contract Sum, payments received by the Contractor for Work properly performed by Subcontractors and suppliers shall be held by the Contractor for those Subcontractors or suppliers who performed Work or furnished materials, or both, under contract with the Contractor for which payment was made by the Owner. Nothing contained herein shall require money to be placed in a separate account and not commingled with money of the Contractor, shall create any fiduciary liability or tort liability on the part of the Contractor for breach of trust or shall entitle any person or entity to an award of punitive damages against the Contractor for breach of the requirements of this provision.

§ 9.7 FAILURE OF PAYMENT

If the Architect does not issue a Certificate for Payment, through no fault of the Contractor, within seven days after receipt of the Contractor's Application for Payment, or if the Owner does not pay the Contractor within seven days after the date established in the Contract Documents the amount certified by the Architect or awarded by binding dispute resolution, then the Contractor may, upon seven additional days' written notice to the Owner and Architect, stop the Work until payment of the amount owing has been received. The Contract Time shall be extended appropriately and the Contract Sum shall be increased by the amount of the Contractor's reasonable costs of shut-down, delay and start-up, plus interest as provided for in the Contract Documents.

§ 9.8 SUBSTANTIAL COMPLETION

§ 9.8.1 Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work for its intended use.

§ 9.8.2 When the Contractor considers that the Work, or a portion thereof which the Owner agrees to accept separately, is substantially complete, the Contractor shall prepare and submit to the Architect a comprehensive list of items to be completed or corrected prior to final payment. Failure to include an item on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

§ 9.8.3 Upon receipt of the Contractor's list, the Architect will make an inspection to determine whether the Work or designated portion thereof is substantially complete. If the Architect's inspection discloses any item, whether or not included on the Contractor's list, which is not sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work or designated portion thereof for its intended use, the Contractor shall, before issuance of the Certificate of Substantial Completion, complete or correct such item upon notification by the Architect. In such case, the Contractor shall then submit a request for another inspection by the Architect to determine Substantial Completion.

§ 9.8.4 When the Work or designated portion thereof is substantially complete, the Architect will prepare a Certificate of Substantial Completion that shall establish the date of Substantial Completion, shall establish responsibilities of the Owner and Contractor for security, maintenance, heat, utilities, damage to the Work and insurance, and shall fix the time within which the Contractor shall finish all items on the list accompanying the Certificate. Warranties required by the Contract Documents shall commence on the date of Substantial Completion of the Work or designated portion thereof unless otherwise provided in the Certificate of Substantial Completion.

§ 9.8.5 The Certificate of Substantial Completion shall be submitted to the Owner and Contractor for their written acceptance of responsibilities assigned to them in such Certificate. Upon such acceptance and consent of surety, if any, the Owner shall make payment of retainage applying to such Work or designated portion thereof. Such payment shall be adjusted for Work that is incomplete or not in accordance with the requirements of the Contract Documents.

§ 9.9 PARTIAL OCCUPANCY OR USE

§ 9.9.1 The Owner may occupy or use any completed or partially completed portion of the Work at any stage when such portion is designated by separate agreement with the Contractor, provided such occupancy or use is consented to by the insurer as required under Section 11.3.1.5 and authorized by public authorities having jurisdiction over the Project. Such partial occupancy or use may commence whether or not the portion is substantially complete, provided the Owner and Contractor have accepted in writing the responsibilities assigned to each of them for payments, retainage, if any, security, maintenance, heat, utilities, damage to the Work and insurance, and have agreed in writing concerning the period for correction of the Work and commencement of warranties required by the Contract Documents. When the Contractor considers a portion substantially complete, the Contractor shall prepare and submit a list to the Architect as provided under Section 9.8.2. Consent of the Contractor to partial occupancy or use shall not be unreasonably withheld. The stage of the progress of the Work shall be determined by written agreement between the Owner and Contractor or, if no agreement is reached, by decision of the Architect.

§ 9.9.2 Immediately prior to such partial occupancy or use, the Owner, Contractor and Architect shall jointly inspect the area to be occupied or portion of the Work to be used in order to determine and record the condition of the Work.

§ 9.9.3 Unless otherwise agreed upon, partial occupancy or use of a portion or portions of the Work shall not constitute acceptance of Work not complying with the requirements of the Contract Documents.

§ 9.10 FINAL COMPLETION AND FINAL PAYMENT

§ 9.10.1 Upon receipt of the Contractor's written notice that the Work is ready for final inspection and acceptance and upon receipt of a final Application for Payment, the Architect will promptly make such inspection and, when the Architect finds the Work acceptable under the Contract Documents and the Contract fully performed, the Architect will promptly issue a final Certificate for Payment stating that to the best of the Architect's knowledge, information and belief, and on the basis of the Architect's on-site visits and inspections, the Work has been completed in accordance with terms and conditions of the Contract Documents and that the entire balance found to be due the Contractor and noted in the final Certificate is due and payable. The Architect's final Certificate for Payment will constitute a further representation that conditions listed in Section 9.10.2 as precedent to the Contractor's being entitled to final payment have been fulfilled.

§ 9.10.2 Neither final payment nor any remaining retained percentage shall become due until the Contractor submits to the Architect (1) an affidavit that payrolls, bills for materials and equipment, and other indebtedness connected with the Work for which the Owner or the Owner's property might be responsible or encumbered (less amounts withheld by Owner) have been paid or otherwise satisfied, (2) a certificate evidencing that insurance required by the Contract Documents to remain in force after final payment is currently in effect and will not be canceled or allowed to expire until at least 30 days' prior written notice has been given to the Owner, (3) a written statement that the Contractor knows of no substantial reason that the insurance will not be renewable to cover the period required by the Contract Documents, (4) consent of surety, if any, to final payment and (5), if required by the Owner, other data establishing payment or satisfaction of obligations, such as receipts, releases and waivers of liens, claims, security interests or encumbrances arising out of the Contract, to the extent and in such form as may be designated by the Owner. If a Subcontractor refuses to furnish a release or waiver required by the Owner, the Contractor may furnish a bond satisfactory to the Owner to indemnify the Owner against such lien. If such lien remains unsatisfied after payments are made, the Contractor shall refund to the Owner all money that the Owner may be compelled to pay in discharging such lien, including all costs and reasonable attorneys' fees.

§ 9.10.3 If, after Substantial Completion of the Work, final completion thereof is materially delayed through no fault of the Contractor or by issuance of Change Orders affecting final completion, and the Architect so confirms, the Owner shall, upon application by the Contractor and certification by the Architect, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance for Work not fully completed or corrected is less than retainage stipulated in the Contract Documents, and if bonds have been furnished, the written consent of surety to payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by the Contractor to the Architect prior to certification of such payment. Such payment shall be made under terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

§ 9.10.4 The making of final payment shall constitute a waiver of Claims by the Owner except those arising from

- .1 liens, Claims, security interests or encumbrances arising out of the Contract and unsettled;
- .2 failure of the Work to comply with the requirements of the Contract Documents; or
- .3 terms of special warranties required by the Contract Documents.

§ 9.10.5 Acceptance of final payment by the Contractor, a Subcontractor or material supplier shall constitute a waiver of claims by that payee except those previously made in writing and identified by that payee as unsettled at the time of final Application for Payment.

ARTICLE 10 PROTECTION OF PERSONS AND PROPERTY

§ 10.1 SAFETY PRECAUTIONS AND PROGRAMS

The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the performance of the Contract.

§ 10.2 SAFETY OF PERSONS AND PROPERTY

§ 10.2.1 The Contractor shall take reasonable precautions for safety of, and shall provide reasonable protection to prevent damage, injury or loss to

- .1 employees on the Work and other persons who may be affected thereby;
- .2 the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, under care, custody or control of the Contractor or the Contractor's Subcontractors or Sub-subcontractors; and
- .3 other property at the site or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

§ 10.2.2 The Contractor shall comply with and give notices required by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities bearing on safety of persons or property or their protection from damage, injury or loss.

§ 10.2.3 The Contractor shall erect and maintain, as required by existing conditions and performance of the Contract, reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying owners and users of adjacent sites and utilities.

§ 10.2.4 When use or storage of explosives or other hazardous materials or equipment or unusual methods are necessary for execution of the Work, the Contractor shall exercise utmost care and carry on such activities under supervision of properly qualified personnel.

§ 10.2.5 The Contractor shall promptly remedy damage and loss (other than damage or loss insured under property insurance required by the Contract Documents) to property referred to in Sections 10.2.1.2 and 10.2.1.3 caused in whole or in part by the Contractor, a Subcontractor, a Sub-subcontractor, or anyone directly or indirectly employed by any of them, or by anyone for whose acts they may be liable and for which the Contractor is responsible under Sections 10.2.1.2 and 10.2.1.3, except damage or loss attributable to acts or omissions of the Owner or Architect or anyone directly or indirectly employed by either of them, or by anyone for whose acts either of them may be liable, and not attributable to the fault or negligence of the Contractor. The foregoing obligations of the Contractor are in addition to the Contractor's obligations under Section 3.18.

§ 10.2.6 The Contractor shall designate a responsible member of the Contractor's organization at the site whose duty shall be the prevention of accidents. This person shall be the Contractor's superintendent unless otherwise designated by the Contractor in writing to the Owner and Architect.

§ 10.2.7 The Contractor shall not permit any part of the construction or site to be loaded so as to cause damage or create an unsafe condition.

§ 10.2.8 INJURY OR DAMAGE TO PERSON OR PROPERTY

If either party suffers injury or damage to person or property because of an act or omission of the other party, or of others for whose acts such party is legally responsible, written notice of such injury or damage, whether or not insured, shall be given to the other party within a reasonable time not exceeding 21 days after discovery. The notice shall provide sufficient detail to enable the other party to investigate the matter.

§ 10.3 HAZARDOUS MATERIALS

§ 10.3.1 The Contractor is responsible for compliance with any requirements included in the Contract Documents regarding hazardous materials. If the Contractor encounters a hazardous material or substance not addressed in the Contract Documents and if reasonable precautions will be inadequate to prevent foreseeable bodily injury or death to persons resulting from a material or substance, including but not limited to asbestos or polychlorinated biphenyl (PCB), encountered on the site by the Contractor, the Contractor shall, upon recognizing the condition, immediately stop Work in the affected area and report the condition to the Owner and Architect in writing.

§ 10.3.2 Upon receipt of the Contractor's written notice, the Owner shall obtain the services of a licensed laboratory to verify the presence or absence of the material or substance reported by the Contractor and, in the event such material or substance is found to be present, to cause it to be rendered harmless. Unless otherwise required by the Contract Documents, the Owner shall furnish in writing to the Contractor and Architect the names and qualifications of persons or entities who are to perform tests verifying the presence or absence of such material or substance or who are to perform the task of removal or safe containment of such material or substance. The Contractor and the Architect will promptly reply to the Owner in writing stating whether or not either has reasonable objection to the persons or entities proposed by the Owner. If either the Contractor or Architect has an objection to a person or entity proposed by the Owner, the Owner shall propose another to whom the Contractor and the Architect have no reasonable objection. When the material or substance has been rendered harmless, Work in the affected area shall resume upon written agreement of the Owner and Contractor. By Change Order, the Contract Time shall be extended appropriately and the Contract Sum shall be increased in the amount of the Contractor's reasonable additional costs of shut-down, delay and start-up.

§ 10.3.3 To the fullest extent permitted by law, the Owner shall indemnify and hold harmless the Contractor, Subcontractors, Architect, Architect's consultants and agents and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from

performance of the Work in the affected area if in fact the material or substance presents the risk of bodily injury or death as described in Section 10.3.1 and has not been rendered harmless, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), except to the extent that such damage, loss or expense is due to the fault or negligence of the party seeking indemnity.

§ 10.3.4 The Owner shall not be responsible under this Section 10.3 for materials or substances the Contractor brings to the site unless such materials or substances are required by the Contract Documents. The Owner shall be responsible for materials or substances required by the Contract Documents, except to the extent of the Contractor's fault or negligence in the use and handling of such materials or substances.

§ 10.3.5 The Contractor shall indemnify the Owner for the cost and expense the Owner incurs (1) for remediation of a material or substance the Contractor brings to the site and negligently handles, or (2) where the Contractor fails to perform its obligations under Section 10.3.1, except to the extent that the cost and expense are due to the Owner's fault or negligence.

§ 10.3.6 If, without negligence on the part of the Contractor, the Contractor is held liable by a government agency for the cost of remediation of a hazardous material or substance solely by reason of performing Work as required by the Contract Documents, the Owner shall indemnify the Contractor for all cost and expense thereby incurred.

§ 10.4 EMERGENCIES

In an emergency affecting safety of persons or property, the Contractor shall act, at the Contractor's discretion, to prevent threatened damage, injury or loss. Additional compensation or extension of time claimed by the Contractor on account of an emergency shall be determined as provided in Article 15 and Article 7.

ARTICLE 11 INSURANCE AND BONDS

§ 11.1 CONTRACTOR'S LIABILITY INSURANCE

§ 11.1.1 The Contractor shall purchase from and maintain in a company or companies lawfully authorized to do business in the jurisdiction in which the Project is located such insurance as will protect the Contractor from claims set forth below which may arise out of or result from the Contractor's operations and completed operations under the Contract and for which the Contractor may be legally liable, whether such operations be by the Contractor or by a Subcontractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable:

- .1 Claims under workers' compensation, disability benefit and other similar employee benefit acts that are applicable to the Work to be performed;
- .2 Claims for damages because of bodily injury, occupational sickness or disease, or death of the Contractor's employees;
- .3 Claims for damages because of bodily injury, sickness or disease, or death of any person other than the Contractor's employees;
- .4 Claims for damages insured by usual personal injury liability coverage;
- .5 Claims for damages, other than to the Work itself, because of injury to or destruction of tangible property, including loss of use resulting therefrom;
- .6 Claims for damages because of bodily injury, death of a person or property damage arising out of ownership, maintenance or use of a motor vehicle;
- .7 Claims for bodily injury or property damage arising out of completed operations; and
- .8 Claims involving contractual liability insurance applicable to the Contractor's obligations under Section 3.18.

§ 11.1.2 The insurance required by Section 11.1.1 shall be written for not less than limits of liability specified in the Contract Documents or required by law, whichever coverage is greater. Coverages, whether written on an occurrence or claims-made basis, shall be maintained without interruption from the date of commencement of the Work until the date of final payment and termination of any coverage required to be maintained after final payment, and, with respect to the Contractor's completed operations coverage, until the expiration of the period for correction of Work or for such other period for maintenance of completed operations coverage as specified in the Contract Documents.

§ 11.1.3 Certificates of insurance acceptable to the Owner shall be filed with the Owner prior to commencement of the Work and thereafter upon renewal or replacement of each required policy of insurance. These certificates and the insurance policies required by this Section 11.1 shall contain a provision that coverages afforded under the policies will not be canceled or allowed to expire until at least 30 days' prior written notice has been given to the Owner. An

additional certificate evidencing continuation of liability coverage, including coverage for completed operations, shall be submitted with the final Application for Payment as required by Section 9.10.2 and thereafter upon renewal or replacement of such coverage until the expiration of the time required by Section 11.1.2. Information concerning reduction of coverage on account of revised limits or claims paid under the General Aggregate, or both, shall be furnished by the Contractor with reasonable promptness.

§ 11.1.4 The Contractor shall cause the commercial liability coverage required by the Contract Documents to include (1) the Owner, the Architect and the Architect's consultants as additional insureds for claims caused in whole or in part by the Contractor's negligent acts or omissions during the Contractor's operations; and (2) the Owner as an additional insured for claims caused in whole or in part by the Contractor's negligent acts or omissions during the Contractor's completed operations.

§ 11.2 OWNER'S LIABILITY INSURANCE

The Owner shall be responsible for purchasing and maintaining the Owner's usual liability insurance.

§ 11.3 PROPERTY INSURANCE

§ 11.3.1 Unless otherwise provided, the Owner shall purchase and maintain, in a company or companies lawfully authorized to do business in the jurisdiction in which the Project is located, property insurance written on a builder's risk "all-risk" or equivalent policy form in the amount of the initial Contract Sum, plus value of subsequent Contract Modifications and cost of materials supplied or installed by others, comprising total value for the entire Project at the site on a replacement cost basis without optional deductibles. Such property insurance shall be maintained, unless otherwise provided in the Contract Documents or otherwise agreed in writing by all persons and entities who are beneficiaries of such insurance, until final payment has been made as provided in Section 9.10 or until no person or entity other than the Owner has an insurable interest in the property required by this Section 11.3 to be covered, whichever is later. This insurance shall include interests of the Owner, the Contractor, Subcontractors and Sub-subcontractors in the Project.

§ 11.3.1.1 Property insurance shall be on an "all-risk" or equivalent policy form and shall include, without limitation, insurance against the perils of fire (with extended coverage) and physical loss or damage including, without duplication of coverage, theft, vandalism, malicious mischief, collapse, earthquake, flood, windstorm, falsework, testing and startup, temporary buildings and debris removal including demolition occasioned by enforcement of any applicable legal requirements, and shall cover reasonable compensation for Architect's and Contractor's services and expenses required as a result of such insured loss.

§ 11.3.1.2 If the Owner does not intend to purchase such property insurance required by the Contract and with all of the coverages in the amount described above, the Owner shall so inform the Contractor in writing prior to commencement of the Work. The Contractor may then effect insurance that will protect the interests of the Contractor, Subcontractors and Sub-subcontractors in the Work, and by appropriate Change Order the cost thereof shall be charged to the Owner. If the Contractor is damaged by the failure or neglect of the Owner to purchase or maintain insurance as described above, without so notifying the Contractor in writing, then the Owner shall bear all reasonable costs properly attributable thereto.

§ 11.3.1.3 If the property insurance requires deductibles, the Owner shall pay costs not covered because of such deductibles.

§ 11.3.1.4 This property insurance shall cover portions of the Work stored off the site, and also portions of the Work in transit.

§ 11.3.1.5 Partial occupancy or use in accordance with Section 9.9 shall not commence until the insurance company or companies providing property insurance have consented to such partial occupancy or use by endorsement or otherwise. The Owner and the Contractor shall take reasonable steps to obtain consent of the insurance company or companies and shall, without mutual written consent, take no action with respect to partial occupancy or use that would cause cancellation, lapse or reduction of insurance.

§ 11.3.2 BOILER AND MACHINERY INSURANCE

The Owner shall purchase and maintain boiler and machinery insurance required by the Contract Documents or by law, which shall specifically cover such insured objects during installation and until final acceptance by the Owner; this insurance shall include interests of the Owner, Contractor, Subcontractors and Sub-subcontractors in the Work, and the Owner and Contractor shall be named insureds.

§ 11.3.3 LOSS OF USE INSURANCE

The Owner, at the Owner's option, may purchase and maintain such insurance as will insure the Owner against loss of use of the Owner's property due to fire or other hazards, however caused. The Owner waives all rights of action against the Contractor for loss of use of the Owner's property, including consequential losses due to fire or other hazards however caused.

§ 11.3.4 If the Contractor requests in writing that insurance for risks other than those described herein or other special causes of loss be included in the property insurance policy, the Owner shall, if possible, include such insurance, and the cost thereof shall be charged to the Contractor by appropriate Change Order.

§ 11.3.5 If during the Project construction period the Owner insures properties, real or personal or both, at or adjacent to the site by property insurance under policies separate from those insuring the Project, or if after final payment property insurance is to be provided on the completed Project through a policy or policies other than those insuring the Project during the construction period, the Owner shall waive all rights in accordance with the terms of Section 11.3.7 for damages caused by fire or other causes of loss covered by this separate property insurance. All separate policies shall provide this waiver of subrogation by endorsement or otherwise.

§ 11.3.6 Before an exposure to loss may occur, the Owner shall file with the Contractor a copy of each policy that includes insurance coverages required by this Section 11.3. Each policy shall contain all generally applicable conditions, definitions, exclusions and endorsements related to this Project. Each policy shall contain a provision that the policy will not be canceled or allowed to expire, and that its limits will not be reduced, until at least 30 days' prior written notice has been given to the Contractor.

§ 11.3.7 WAIVERS OF SUBROGATION

The Owner and Contractor waive all rights against (1) each other and any of their subcontractors, sub-subcontractors, agents and employees, each of the other, and (2) the Architect, Architect's consultants, separate contractors described in Article 6, if any, and any of their subcontractors, sub-subcontractors, agents and employees, for damages caused by fire or other causes of loss to the extent covered by property insurance obtained pursuant to this Section 11.3 or other property insurance applicable to the Work, except such rights as they have to proceeds of such insurance held by the Owner as fiduciary. The Owner or Contractor, as appropriate, shall require of the Architect, Architect's consultants, separate contractors described in Article 6, if any, and the subcontractors, sub-subcontractors, agents and employees of any of them, by appropriate agreements, written where legally required for validity, similar waivers each in favor of other parties enumerated herein. The policies shall provide such waivers of subrogation by endorsement or otherwise. A waiver of subrogation shall be effective as to a person or entity even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise, did not pay the insurance premium directly or indirectly, and whether or not the person or entity had an insurable interest in the property damaged.

§ 11.3.8 A loss insured under the Owner's property insurance shall be adjusted by the Owner as fiduciary and made payable to the Owner as fiduciary for the insureds, as their interests may appear, subject to requirements of any applicable mortgagee clause and of Section 11.3.10. The Contractor shall pay Subcontractors their just shares of insurance proceeds received by the Contractor, and by appropriate agreements, written where legally required for validity, shall require Subcontractors to make payments to their Sub-subcontractors in similar manner.

§ 11.3.9 If required in writing by a party in interest, the Owner as fiduciary shall, upon occurrence of an insured loss, give bond for proper performance of the Owner's duties. The cost of required bonds shall be charged against proceeds received as fiduciary. The Owner shall deposit in a separate account proceeds so received, which the Owner shall distribute in accordance with such agreement as the parties in interest may reach, or as determined in accordance with the method of binding dispute resolution selected in the Agreement between the Owner and Contractor. If after such loss no other special agreement is made and unless the Owner terminates the Contract for convenience, replacement of damaged property shall be performed by the Contractor after notification of a Change in the Work in accordance with Article 7.

§ 11.3.10 The Owner as fiduciary shall have power to adjust and settle a loss with insurers unless one of the parties in interest shall object in writing within five days after occurrence of loss to the Owner's exercise of this power; if such objection is made, the dispute shall be resolved in the manner selected by the Owner and Contractor as the method of binding dispute resolution in the Agreement. If the Owner and Contractor have selected arbitration as the method of binding dispute resolution, the Owner as fiduciary shall make settlement with insurers or, in the case of a dispute over distribution of insurance proceeds, in accordance with the directions of the arbitrators.

§ 11.4 PERFORMANCE BOND AND PAYMENT BOND

§ 11.4.1 The Owner shall have the right to require the Contractor to furnish bonds covering faithful performance of the Contract and payment of obligations arising thereunder as stipulated in bidding requirements or specifically required in the Contract Documents on the date of execution of the Contract.

§ 11.4.2 Upon the request of any person or entity appearing to be a potential beneficiary of bonds covering payment of obligations arising under the Contract, the Contractor shall promptly furnish a copy of the bonds or shall authorize a copy to be furnished.

ARTICLE 12 UNCOVERING AND CORRECTION OF WORK**§ 12.1 UNCOVERING OF WORK**

§ 12.1.1 If a portion of the Work is covered contrary to the Architect's request or to requirements specifically expressed in the Contract Documents, it must, if requested in writing by the Architect, be uncovered for the Architect's examination and be replaced at the Contractor's expense without change in the Contract Time.

§ 12.1.2 If a portion of the Work has been covered that the Architect has not specifically requested to examine prior to its being covered, the Architect may request to see such Work and it shall be uncovered by the Contractor. If such Work is in accordance with the Contract Documents, costs of uncovering and replacement shall, by appropriate Change Order, be at the Owner's expense. If such Work is not in accordance with the Contract Documents, such costs and the cost of correction shall be at the Contractor's expense unless the condition was caused by the Owner or a separate contractor in which event the Owner shall be responsible for payment of such costs.

§ 12.2 CORRECTION OF WORK**§ 12.2.1 BEFORE OR AFTER SUBSTANTIAL COMPLETION**

The Contractor shall promptly correct Work rejected by the Architect or failing to conform to the requirements of the Contract Documents, whether discovered before or after Substantial Completion and whether or not fabricated, installed or completed. Costs of correcting such rejected Work, including additional testing and inspections, the cost of uncovering and replacement, and compensation for the Architect's services and expenses made necessary thereby, shall be at the Contractor's expense.

§ 12.2.2 AFTER SUBSTANTIAL COMPLETION

§ 12.2.2.1 In addition to the Contractor's obligations under Section 3.5, if, within one year after the date of Substantial Completion of the Work or designated portion thereof or after the date for commencement of warranties established under Section 9.9.1, or by terms of an applicable special warranty required by the Contract Documents, any of the Work is found to be not in accordance with the requirements of the Contract Documents, the Contractor shall correct it promptly after receipt of written notice from the Owner to do so unless the Owner has previously given the Contractor a written acceptance of such condition. The Owner shall give such notice promptly after discovery of the condition. During the one-year period for correction of Work, if the Owner fails to notify the Contractor and give the Contractor an opportunity to make the correction, the Owner waives the rights to require correction by the Contractor and to make a claim for breach of warranty. If the Contractor fails to correct nonconforming Work within a reasonable time during that period after receipt of notice from the Owner or Architect, the Owner may correct it in accordance with Section 2.4.

§ 12.2.2.2 The one-year period for correction of Work shall be extended with respect to portions of Work first performed after Substantial Completion by the period of time between Substantial Completion and the actual completion of that portion of the Work.

§ 12.2.2.3 The one-year period for correction of Work shall not be extended by corrective Work performed by the Contractor pursuant to this Section 12.2.

§ 12.2.3 The Contractor shall remove from the site portions of the Work that are not in accordance with the requirements of the Contract Documents and are neither corrected by the Contractor nor accepted by the Owner.

§ 12.2.4 The Contractor shall bear the cost of correcting destroyed or damaged construction, whether completed or partially completed, of the Owner or separate contractors caused by the Contractor's correction or removal of Work that is not in accordance with the requirements of the Contract Documents.

§ 12.2.5 Nothing contained in this Section 12.2 shall be construed to establish a period of limitation with respect to other obligations the Contractor has under the Contract Documents. Establishment of the one-year period for correction of Work as described in Section 12.2.2 relates only to the specific obligation of the Contractor to correct

the Work, and has no relationship to the time within which the obligation to comply with the Contract Documents may be sought to be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to the Contractor's obligations other than specifically to correct the Work.

§ 12.3 ACCEPTANCE OF NONCONFORMING WORK

If the Owner prefers to accept Work that is not in accordance with the requirements of the Contract Documents, the Owner may do so instead of requiring its removal and correction, in which case the Contract Sum will be reduced as appropriate and equitable. Such adjustment shall be effected whether or not final payment has been made.

ARTICLE 13 MISCELLANEOUS PROVISIONS

§ 13.1 GOVERNING LAW

The Contract shall be governed by the law of the place where the Project is located except that, if the parties have selected arbitration as the method of binding dispute resolution, the Federal Arbitration Act shall govern Section 15.4.

§ 13.2 SUCCESSORS AND ASSIGNS

§ 13.2.1 The Owner and Contractor respectively bind themselves, their partners, successors, assigns and legal representatives to covenants, agreements and obligations contained in the Contract Documents. Except as provided in Section 13.2.2, neither party to the Contract shall assign the Contract as a whole without written consent of the other. If either party attempts to make such an assignment without such consent, that party shall nevertheless remain legally responsible for all obligations under the Contract.

§ 13.2.2 The Owner may, without consent of the Contractor, assign the Contract to a lender providing construction financing for the Project, if the lender assumes the Owner's rights and obligations under the Contract Documents. The Contractor shall execute all consents reasonably required to facilitate such assignment.

§ 13.3 WRITTEN NOTICE

Written notice shall be deemed to have been duly served if delivered in person to the individual, to a member of the firm or entity, or to an officer of the corporation for which it was intended; or if delivered at, or sent by registered or certified mail or by courier service providing proof of delivery to, the last business address known to the party giving notice.

§ 13.4 RIGHTS AND REMEDIES

§ 13.4.1 Duties and obligations imposed by the Contract Documents and rights and remedies available thereunder shall be in addition to and not a limitation of duties, obligations, rights and remedies otherwise imposed or available by law.

§ 13.4.2 No action or failure to act by the Owner, Architect or Contractor shall constitute a waiver of a right or duty afforded them under the Contract, nor shall such action or failure to act constitute approval of or acquiescence in a breach there under, except as may be specifically agreed in writing.

§ 13.5 TESTS AND INSPECTIONS

§ 13.5.1 Tests, inspections and approvals of portions of the Work shall be made as required by the Contract Documents and by applicable laws, statutes, ordinances, codes, rules and regulations or lawful orders of public authorities. Unless otherwise provided, the Contractor shall make arrangements for such tests, inspections and approvals with an independent testing laboratory or entity acceptable to the Owner, or with the appropriate public authority, and shall bear all related costs of tests, inspections and approvals. The Contractor shall give the Architect timely notice of when and where tests and inspections are to be made so that the Architect may be present for such procedures. The Owner shall bear costs of (1) tests, inspections or approvals that do not become requirements until after bids are received or negotiations concluded, and (2) tests, inspections or approvals where building codes or applicable laws or regulations prohibit the Owner from delegating their cost to the Contractor.

§ 13.5.2 If the Architect, Owner or public authorities having jurisdiction determine that portions of the Work require additional testing, inspection or approval not included under Section 13.5.1, the Architect will, upon written authorization from the Owner, instruct the Contractor to make arrangements for such additional testing, inspection or approval by an entity acceptable to the Owner, and the Contractor shall give timely notice to the Architect of when and where tests and inspections are to be made so that the Architect may be present for such procedures. Such costs, except as provided in Section 13.5.3, shall be at the Owner's expense.

§ 13.5.3 If such procedures for testing, inspection or approval under Sections 13.5.1 and 13.5.2 reveal failure of the portions of the Work to comply with requirements established by the Contract Documents, all costs made necessary by such failure including those of repeated procedures and compensation for the Architect's services and expenses shall be at the Contractor's expense.

§ 13.5.4 Required certificates of testing, inspection or approval shall, unless otherwise required by the Contract Documents, be secured by the Contractor and promptly delivered to the Architect.

§ 13.5.5 If the Architect is to observe tests, inspections or approvals required by the Contract Documents, the Architect will do so promptly and, where practicable, at the normal place of testing.

§ 13.5.6 Tests or inspections conducted pursuant to the Contract Documents shall be made promptly to avoid unreasonable delay in the Work.

§ 13.6 INTEREST

Payments due and unpaid under the Contract Documents shall bear interest from the date payment is due at such rate as the parties may agree upon in writing or, in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.

§ 13.7 TIME LIMITS ON CLAIMS

The Owner and Contractor shall commence all claims and causes of action, whether in contract, tort, breach of warranty or otherwise, against the other arising out of or related to the Contract in accordance with the requirements of the final dispute resolution method selected in the Agreement within the time period specified by applicable law, but in any case not more than 10 years after the date of Substantial Completion of the Work. The Owner and Contractor waive all claims and causes of action not commenced in accordance with this Section 13.7.

ARTICLE 14 TERMINATION OR SUSPENSION OF THE CONTRACT

§ 14.1 TERMINATION BY THE CONTRACTOR

§ 14.1.1 The Contractor may terminate the Contract if the Work is stopped for a period of 30 consecutive days through no act or fault of the Contractor or a Subcontractor, Sub-subcontractor or their agents or employees or any other persons or entities performing portions of the Work under direct or indirect contract with the Contractor, for any of the following reasons:

- .1 Issuance of an order of a court or other public authority having jurisdiction that requires all Work to be stopped;
- .2 An act of government, such as a declaration of national emergency that requires all Work to be stopped;
- .3 Because the Architect has not issued a Certificate for Payment and has not notified the Contractor of the reason for withholding certification as provided in Section 9.4.1, or because the Owner has not made payment on a Certificate for Payment within the time stated in the Contract Documents; or
- .4 The Owner has failed to furnish to the Contractor promptly, upon the Contractor's request, reasonable evidence as required by Section 2.2.1.

§ 14.1.2 The Contractor may terminate the Contract if, through no act or fault of the Contractor or a Subcontractor, Sub-subcontractor or their agents or employees or any other persons or entities performing portions of the Work under direct or indirect contract with the Contractor, repeated suspensions, delays or interruptions of the entire Work by the Owner as described in Section 14.3 constitute in the aggregate more than 100 percent of the total number of days scheduled for completion, or 120 days in any 365-day period, whichever is less.

§ 14.1.3 If one of the reasons described in Section 14.1.1 or 14.1.2 exists, the Contractor may, upon seven days' written notice to the Owner and Architect, terminate the Contract and recover from the Owner payment for Work executed, including reasonable overhead and profit, costs incurred by reason of such termination, and damages.

§ 14.1.4 If the Work is stopped for a period of 60 consecutive days through no act or fault of the Contractor or a Subcontractor or their agents or employees or any other persons performing portions of the Work under contract with the Contractor because the Owner has repeatedly failed to fulfill the Owner's obligations under the Contract Documents with respect to matters important to the progress of the Work, the Contractor may, upon seven additional days' written notice to the Owner and the Architect, terminate the Contract and recover from the Owner as provided in Section 14.1.3.

§ 14.2 TERMINATION BY THE OWNER FOR CAUSE

§ 14.2.1 The Owner may terminate the Contract if the Contractor

- .1 repeatedly refuses or fails to supply enough properly skilled workers or proper materials;
- .2 fails to make payment to Subcontractors for materials or labor in accordance with the respective agreements between the Contractor and the Subcontractors;
- .3 repeatedly disregards applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of a public authority; or
- .4 otherwise is guilty of substantial breach of a provision of the Contract Documents.

§ 14.2.2 When any of the above reasons exist, the Owner, upon certification by the Initial Decision Maker that sufficient cause exists to justify such action, may without prejudice to any other rights or remedies of the Owner and after giving the Contractor and the Contractor's surety, if any, seven days' written notice, terminate employment of the Contractor and may, subject to any prior rights of the surety:

- .1 Exclude the Contractor from the site and take possession of all materials, equipment, tools, and construction equipment and machinery thereon owned by the Contractor;
- .2 Accept assignment of subcontracts pursuant to Section 5.4; and
- .3 Finish the Work by whatever reasonable method the Owner may deem expedient. Upon written request of the Contractor, the Owner shall furnish to the Contractor a detailed accounting of the costs incurred by the Owner in finishing the Work.

§ 14.2.3 When the Owner terminates the Contract for one of the reasons stated in Section 14.2.1, the Contractor shall not be entitled to receive further payment until the Work is finished.

§ 14.2.4 If the unpaid balance of the Contract Sum exceeds costs of finishing the Work, including compensation for the Architect's services and expenses made necessary thereby, and other damages incurred by the Owner and not expressly waived, such excess shall be paid to the Contractor. If such costs and damages exceed the unpaid balance, the Contractor shall pay the difference to the Owner. The amount to be paid to the Contractor or Owner, as the case may be, shall be certified by the Initial Decision Maker, upon application, and this obligation for payment shall survive termination of the Contract.

§ 14.3 SUSPENSION BY THE OWNER FOR CONVENIENCE

§ 14.3.1 The Owner may, without cause, order the Contractor in writing to suspend, delay or interrupt the Work in whole or in part for such period of time as the Owner may determine.

§ 14.3.2 The Contract Sum and Contract Time shall be adjusted for increases in the cost and time caused by suspension, delay or interruption as described in Section 14.3.1. Adjustment of the Contract Sum shall include profit. No adjustment shall be made to the extent

- .1 that performance is, was or would have been so suspended, delayed or interrupted by another cause for which the Contractor is responsible; or
- .2 that an equitable adjustment is made or denied under another provision of the Contract.

§ 14.4 TERMINATION BY THE OWNER FOR CONVENIENCE

§ 14.4.1 The Owner may, at any time, terminate the Contract for the Owner's convenience and without cause.

§ 14.4.2 Upon receipt of written notice from the Owner of such termination for the Owner's convenience, the Contractor shall

- .1 cease operations as directed by the Owner in the notice;
- .2 take actions necessary, or that the Owner may direct, for the protection and preservation of the Work; and
- .3 except for Work directed to be performed prior to the effective date of termination stated in the notice, terminate all existing subcontracts and purchase orders and enter into no further subcontracts and purchase orders.

§ 14.4.3 In case of such termination for the Owner's convenience, the Contractor shall be entitled to receive payment for Work executed, and costs incurred by reason of such termination, along with reasonable overhead and profit on the Work not executed.

ARTICLE 15 CLAIMS AND DISPUTES

§ 15.1 CLAIMS

§ 15.1.1 DEFINITION

A Claim is a demand or assertion by one of the parties seeking, as a matter of right, payment of money, or other relief with respect to the terms of the Contract. The term "Claim" also includes other disputes and matters in question between the Owner and Contractor arising out of or relating to the Contract. The responsibility to substantiate Claims shall rest with the party making the Claim.

§ 15.1.2 NOTICE OF CLAIMS

Claims by either the Owner or Contractor must be initiated by written notice to the other party and to the Initial Decision Maker with a copy sent to the Architect, if the Architect is not serving as the Initial Decision Maker. Claims by either party must be initiated within 21 days after occurrence of the event giving rise to such Claim or within 21 days after the claimant first recognizes the condition giving rise to the Claim, whichever is later.

§ 15.1.3 CONTINUING CONTRACT PERFORMANCE

Pending final resolution of a Claim, except as otherwise agreed in writing or as provided in Section 9.7 and Article 14, the Contractor shall proceed diligently with performance of the Contract and the Owner shall continue to make payments in accordance with the Contract Documents. The Architect will prepare Change Orders and issue Certificates for Payment in accordance with the decisions of the Initial Decision Maker.

§ 15.1.4 CLAIMS FOR ADDITIONAL COST

If the Contractor wishes to make a Claim for an increase in the Contract Sum, written notice as provided herein shall be given before proceeding to execute the Work. Prior notice is not required for Claims relating to an emergency endangering life or property arising under Section 10.4.

§ 15.1.5 CLAIMS FOR ADDITIONAL TIME

§ 15.1.5.1 If the Contractor wishes to make a Claim for an increase in the Contract Time, written notice as provided herein shall be given. The Contractor's Claim shall include an estimate of cost and of probable effect of delay on progress of the Work. In the case of a continuing delay, only one Claim is necessary.

§ 15.1.5.2 If adverse weather conditions are the basis for a Claim for additional time, such Claim shall be documented by data substantiating that weather conditions were abnormal for the period of time, could not have been reasonably anticipated and had an adverse effect on the scheduled construction.

§ 15.1.6 CLAIMS FOR CONSEQUENTIAL DAMAGES

The Contractor and Owner waive Claims against each other for consequential damages arising out of or relating to this Contract. This mutual waiver includes

- .1 damages incurred by the Owner for rental expenses, for losses of use, income, profit, financing, business and reputation, and for loss of management or employee productivity or of the services of such persons; and
- .2 damages incurred by the Contractor for principal office expenses including the compensation of personnel stationed there, for losses of financing, business and reputation, and for loss of profit except anticipated profit arising directly from the Work.

This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination in accordance with Article 14. Nothing contained in this Section 15.1.6 shall be deemed to preclude an award of liquidated damages, when applicable, in accordance with the requirements of the Contract Documents.

§ 15.2 INITIAL DECISION

§ 15.2.1 Claims, excluding those arising under Sections 10.3, 10.4, 11.3.9, and 11.3.10, shall be referred to the Initial Decision Maker for initial decision. The Architect will serve as the Initial Decision Maker, unless otherwise indicated in the Agreement. Except for those Claims excluded by this Section 15.2.1, an initial decision shall be required as a condition precedent to mediation of any Claim arising prior to the date final payment is due, unless 30 days have passed after the Claim has been referred to the Initial Decision Maker with no decision having been rendered. Unless the Initial Decision Maker and all affected parties agree, the Initial Decision Maker will not decide disputes between the Contractor and persons or entities other than the Owner.

§ 15.2.2 The Initial Decision Maker will review Claims and within ten days of the receipt of a Claim take one or more of the following actions: (1) request additional supporting data from the claimant or a response with supporting data from the other party, (2) reject the Claim in whole or in part, (3) approve the Claim, (4) suggest a compromise,

or (5) advise the parties that the Initial Decision Maker is unable to resolve the Claim if the Initial Decision Maker lacks sufficient information to evaluate the merits of the Claim or if the Initial Decision Maker concludes that, in the Initial Decision Maker's sole discretion, it would be inappropriate for the Initial Decision Maker to resolve the Claim.

§ 15.2.3 In evaluating Claims, the Initial Decision Maker may, but shall not be obligated to, consult with or seek information from either party or from persons with special knowledge or expertise who may assist the Initial Decision Maker in rendering a decision. The Initial Decision Maker may request the Owner to authorize retention of such persons at the Owner's expense.

§ 15.2.4 If the Initial Decision Maker requests a party to provide a response to a Claim or to furnish additional supporting data, such party shall respond, within ten days after receipt of such request, and shall either (1) provide a response on the requested supporting data, (2) advise the Initial Decision Maker when the response or supporting data will be furnished or (3) advise the Initial Decision Maker that no supporting data will be furnished. Upon receipt of the response or supporting data, if any, the Initial Decision Maker will either reject or approve the Claim in whole or in part.

§ 15.2.5 The Initial Decision Maker will render an initial decision approving or rejecting the Claim, or indicating that the Initial Decision Maker is unable to resolve the Claim. This initial decision shall (1) be in writing; (2) state the reasons therefor; and (3) notify the parties and the Architect, if the Architect is not serving as the Initial Decision Maker, of any change in the Contract Sum or Contract Time or both. The initial decision shall be final and binding on the parties but subject to mediation and, if the parties fail to resolve their dispute through mediation, to binding dispute resolution.

§ 15.2.6 Either party may file for mediation of an initial decision at any time, subject to the terms of Section 15.2.6.1.

§ 15.2.6.1 Either party may, within 30 days from the date of an initial decision, demand in writing that the other party file for mediation within 60 days of the initial decision. If such a demand is made and the party receiving the demand fails to file for mediation within the time required, then both parties waive their rights to mediate or pursue binding dispute resolution proceedings with respect to the initial decision.

§ 15.2.7 In the event of a Claim against the Contractor, the Owner may, but is not obligated to, notify the surety, if any, of the nature and amount of the Claim. If the Claim relates to a possibility of a Contractor's default, the Owner may, but is not obligated to, notify the surety and request the surety's assistance in resolving the controversy.

§ 15.2.8 If a Claim relates to or is the subject of a mechanic's lien, the party asserting such Claim may proceed in accordance with applicable law to comply with the lien notice or filing deadlines.

§ 15.3 MEDIATION

§ 15.3.1 Claims, disputes, or other matters in controversy arising out of or related to the Contract except those waived as provided for in Sections 9.10.4, 9.10.5, and 15.1.6 shall be subject to mediation as a condition precedent to binding dispute resolution.

§ 15.3.2 The parties shall endeavor to resolve their Claims by mediation which, unless the parties mutually agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Mediation Procedures in effect on the date of the Agreement. A request for mediation shall be made in writing, delivered to the other party to the Contract, and filed with the person or entity administering the mediation. The request may be made concurrently with the filing of binding dispute resolution proceedings but, in such event, mediation shall proceed in advance of binding dispute resolution proceedings, which shall be stayed pending mediation for a period of 60 days from the date of filing, unless stayed for a longer period by agreement of the parties or court order. If an arbitration is stayed pursuant to this Section 15.3.2, the parties may nonetheless proceed to the selection of the arbitrator(s) and agree upon a schedule for later proceedings.

§ 15.3.3 The parties shall share the mediator's fee and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

§ 15.4 ARBITRATION

§ 15.4.1 If the parties have selected arbitration as the method for binding dispute resolution in the Agreement, any Claim subject to, but not resolved by, mediation shall be subject to arbitration which, unless the parties mutually

agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Arbitration Rules in effect on the date of the Agreement. A demand for arbitration shall be made in writing, delivered to the other party to the Contract, and filed with the person or entity administering the arbitration. The party filing a notice of demand for arbitration must assert in the demand all Claims then known to that party on which arbitration is permitted to be demanded.

§ 15.4.1.1 A demand for arbitration shall be made no earlier than concurrently with the filing of a request for mediation, but in no event shall it be made after the date when the institution of legal or equitable proceedings based on the Claim would be barred by the applicable statute of limitations. For statute of limitations purposes, receipt of a written demand for arbitration by the person or entity administering the arbitration shall constitute the institution of legal or equitable proceedings based on the Claim.

§ 15.4.2 The award rendered by the arbitrator or arbitrators shall be final, and judgment may be entered upon it in accordance with applicable law in any court having jurisdiction thereof.

§ 15.4.3 The foregoing agreement to arbitrate and other agreements to arbitrate with an additional person or entity duly consented to by parties to the Agreement shall be specifically enforceable under applicable law in any court having jurisdiction thereof.

§ 15.4.4 CONSOLIDATION OR JOINDER

§ 15.4.4.1 Either party, at its sole discretion, may consolidate an arbitration conducted under this Agreement with any other arbitration to which it is a party provided that (1) the arbitration agreement governing the other arbitration permits consolidation, (2) the arbitrations to be consolidated substantially involve common questions of law or fact, and (3) the arbitrations employ materially similar procedural rules and methods for selecting arbitrator(s).

§ 15.4.4.2 Either party, at its sole discretion, may include by joinder persons or entities substantially involved in a common question of law or fact whose presence is required if complete relief is to be accorded in arbitration, provided that the party sought to be joined consents in writing to such joinder. Consent to arbitration involving an additional person or entity shall not constitute consent to arbitration of any claim, dispute or other matter in question not described in the written consent.

§ 15.4.4.3 The Owner and Contractor grant to any person or entity made a party to an arbitration conducted under this Section 15.4, whether by joinder or consolidation, the same rights of joinder and consolidation as the Owner and Contractor under this Agreement.

END SECTION AIA A201

12.1 – Addendum To General Conditions – AIA Document A201

GENERAL CONDITIONS

- A. Standard Form: The General Conditions of the Contract forming a part of the Contract Documents and of these Specifications, consists of AIA Document A201, 2007 Edition.
- B. Modifications and Additions: Where Contract Documents refer to General Conditions, such reference shall be interpreted to include Addendum to General Conditions.
- C. Where contract documents refer to “architect”, such reference shall be interpreted to be “engineer”.

CORRELATION AND INTENT OF THE CONTRACT DOCUMENTS

- A. If conflicts or discrepancies occur in the Contract Documents, interpretations will be based on the following priorities:
 - 1. Awarding Authority-Contractor Agreement.
 - 2. Addenda, with those of later date having precedence over those of earlier date.
 - 3. The Supplementary Conditions.
 - 4. The General Conditions of the Contract for Construction.
 - 5. Drawings and Specifications.
- B. For an inconsistency between Drawings and Specifications or within either Document not clarified by Addendum, the better quality or greater quantity of work shall be provided according to the Architect's interpretation.

ARTICLE 2 - OWNER

Sub-paragraph 2.1.2- delete in its entirety

ARTICLE 7 – CHANGES IN THE WORK

Sub-paragraph 7.3.4- delete in its entirety

ARTICLE 11 – INSURANCE AND BONDS

Sub-paragraph 11.3- delete in its entirety.

13 – Supplementary Conditions

100.0 CLAIMS FOR EXTRA COST

100.1 If the Contractor claims that any instructions by Drawings or otherwise involve extra cost or extension of time, they shall, within ten (10) days after the receipt of such instructions, and in any event before proceeding to execute the work, submit their protest thereto in writing to the Owner stating clearly and in detail the basis of his objections. No such claim will be considered unless so made.

100.2 Claims for additional compensation for extra work, due to alleged errors in ground elevations, contour lines, site location, or bench marks, will not be recognized unless accompanied by certified survey data, made prior to the time the original ground was disturbed, clearly showing that errors exist which resulted, or would result, in handling more material or performing more work than would be reasonably estimated from the Drawings and map issued.

100.3 Any discrepancies which may be discovered between actual conditions and those represented by the Drawings and maps shall at once be reported to the Owner and work shall not proceed except at the Contractor's risk, until written instructions have been received by them from the Owner.

100.4 If, on the basis of the available evidence, the Owner determines that an adjustment of the Contract Price and/or Time is justifiable, the procedure shall be as provided in Section 110 hereof.

101.0 TERMINATION, DELAYS, AND LIQUIDATED DAMAGES

101.1 Termination of Contract. If the Contractor refuses or fails to prosecute the work with such diligence as will insure its completion within the time specified in these Contract Documents, or as modified as provided in these Contract Documents, the Owner by written notice to the Contractor, may terminate the Contractor's right to proceed with the work. Upon such termination, the Owner may take over the work and prosecute the same to completion of the work and the Contractor shall also be liable to the Owner in its completion of the work and the Contractor shall also be liable to the Owner for liquidated damages for any delay in the completion of the work as provided below. If the Contractor's right to proceed is so terminated, the Owner may take possession of and utilize in completing the work, such materials, tools, equipment, and plant as may be on the site of the work and necessary therefore.

101.2 Liquidated Damages for Delays. If the work be not completed within the time stipulated in Section 402 hereof, including any extensions of time for excusable delays as herein provided, the Contractor shall pay to the Owner as fixed, agreed, and liquidated damages (it being impossible to determine the actual damages occasioned by the delay) for each calendar day of delay, until the work is completed, the amount as set forth in Section 403 hereof and the Contractor and his sureties shall be liable to the Owner for the amount thereof.

101.3 Excusable Delays. The right of the Contractor to proceed shall not be terminated nor shall the Contractor be charged with liquidated damages for any delays in the completion of the work due.

101.3.1 To any acts of the Government, including controls or restrictions upon or requisitioning of materials, equipment, tools, or labor by reason of war, National Defense, or any other national emergency.

101.3.2.1 To any acts of the Owner.

101.3.3 To causes not reasonably foreseeable by the parties to this Contract at the time of the execution of the Contract which are beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of God or of the Public enemy, acts of another Contractor in the performance of some other contract with the Owner, fires, floods, epidemics, quarantine, restrictions, strikes, freight embargoes, and weather of unusual severity such as hurricane, tornadoes, cyclones and other extreme weather conditions; and

101.3.4 To any delay of any subcontractor occasioned by any of the causes specified in subparagraphs 1, 2 and 3 of this paragraph 101.3.

Provided, however, that the Contractor promptly notify the Owner within ten (10) days in writing of the cause of the delay. Upon receipt of such notification, the Owner shall ascertain the facts and the cause and extent of delay. If, upon the basis of the facts and the terms of this contract, the delay is properly excusable, the Owner shall extend the time for completing the work for a period of time commensurate with the period of excusable delay.

102.0 SAMPLES, CERTIFICATES AND TESTS

102.1 The Contractor shall submit all material or equipment samples, certificates, affidavits, etc. as called for in the contract documents or required by the Owner promptly after award of the Contract and acceptance of the Contractor's bond. No such material or equipment shall be manufactured or delivered to the site, except at the Contractor's own risk, until the required samples or certificates have been approved in writing by the Owner. Any delay in the work caused by late or improper submission of samples or certificates for approval shall not be considered just cause for an extension of the contract time.

Each sample submitted by the Contractor shall carry a label giving the name of the Contractor, the property for which it is intended, and the name of the producer. The accompanying certificate or letter from the Contractor shall state that the sample complies with contract requirements, shall give the name and brand of the products, its place or origin, the name and address of the producer and all specifications or other detailed information which will assist the Owner in passing upon the acceptability of the sample promptly. It shall also include the statement that all materials or equipment furnished for use in the project will comply with the samples and/or certified statements.

102.2 Approval of any materials shall be general only and shall not constitute a waiver of the Owner's right to demand full compliance with Contract requirements. After actual deliveries, the Owner will have such check tests made as they deem necessary in each instance and may reject materials and equipment and accessories for cause, even though such materials and articles have been given general approval. If materials, equipment or accessories, which fail to meet check tests have been incorporated in the work, the Owner will have the right to cause their removal and replacement by proper materials or to demand and secure such reparation by the Contractor as is equitable.

102.3 Except as otherwise specifically stated in the Contract, the costs of sampling and testing will be divided as follows:

102.3.1 The Contractor shall furnish without extra cost, including packing and delivery charges, all samples required for testing purposes except those samples taken on the project by the Owner;

102.3.2. The Contractor shall assume all costs of re-testing materials which fail to meet contract requirements;

102.3.3 The Contractor shall assure all cost of testing materials offered in substitution of those found deficient; and

102.3.4 The Owner will pay all other expenses.

103.0 PERMITS AND CODES

103.1 The Contractor shall give all notices required by and comply with all applicable laws, ordinances, and codes of the Local Government. All construction work and/or utility installations shall comply with all applicable ordinances, and codes including all written waivers. Before installing any work, the Contractor shall examine the Drawings and Technical Specifications for compliance with applicable ordinances and codes and shall immediately report any discrepancy to the Owner. Where the requirements of the Drawings and Technical Specifications fail to comply with such applicable ordinances or codes, the

Owner will adjust the Contract by Change Order to conform to such ordinances or codes (unless waivers in writing covering the difference have been granted by the governing body or department) and make appropriate adjustment in the Contract Price or stipulated unit prices.

Should the Contractor fail to observe the foregoing provisions and proceed with the construction and/or install any utility at the variance with any applicable ordinance or code, including any written waivers (notwithstanding the fact that such installation is in compliance with the Drawings and Technical Specifications), the Contractor shall remove such work without cost to the Owner, but a Change Order will be issued to cover only the excess cost the Contractor would have been entitled to receive if the Change had been made before the Contractor commenced work on the items involved.

103.2 The Contractor shall at their own expense, secure and pay to the appropriate department of the Local Government the fees or charges for all permits for street pavement, sidewalks, sheds, removal of abandoned water taps, sealing of house connection drains, pavement cuts, buildings, electrical, plumbing, water, gas and sewer permits required by the local regulatory body or any of its agencies.

103.3 The Contractor shall comply with applicable local laws and ordinances governing excavations and the disposal of surplus excavation, materials, debris and rubbish on or off the Project Area and commit no trespass on any public or private property in any operation due to or connected with the Improvements embraced in this Contract.

104.0 CARE OF WORK

104.1 The Contractor shall be responsible for all damages to person or property that occur as a result of their fault or negligence in connection with the prosecution of the work and shall be responsible for the proper care and protection of all materials delivered and work performed until completion and final acceptance, whether or not the same has been covered in whole or in part by payments made by the Owner.

104.2 The Contractor shall provide, where necessary and as requested by the Owner, sufficient competent watchmen, both day and night, including Saturdays, Sundays, and holidays, from the time the work is commenced until final completion and acceptance.

104.3 In an emergency affecting and safety of life, limb or property, including adjoining property, the Contractor without special instructions or authorization from the Owner is authorized to act at their discretion to prevent such threatened loss or injury, and they shall so act. They shall likewise act if instructed to do so by the Owner. Any compensation claimed by the Contractor on account of such emergency work will be determined by the Owner as provided in Section 110 hereof.

104.4 The Contractor shall avoid damage as a result of their operations to existing sidewalks, streets, curbs, pavements, utilities, (except those which are to be replaced or removed), adjoining property, etc., and they shall at their own expense completely repair any damage thereto caused by their operations.

104.5 The Contractor shall shore up, brace, underpin, secure, and protect as may be necessary, all foundations and other parts of existing structures adjacent to, adjoining, and in the vicinity of the site, which may be in any way affected by the excavations or other operations connected with the construction of the Improvements embraced in this Contract. The Contractor shall be responsible for the giving of any and all required notices to any adjoining or adjacent property Owner or other party before the commencement of any work. The Contractor shall indemnify and save harmless the Owner from any damages on account of settlements or the loss of lateral support of adjoining property and from all loss or expense and all damages for which the Owner may become liable in consequence of such injury of damage to adjoining and adjacent structures and their premises.

105.0 ACCIDENT PREVENTION

105.1 The Contractor shall exercise proper precaution at all times for the protection of persons and property and shall be responsible for all damages to persons or property, either on or off the site, which occur as a result of his prosecution of the work. The safety provisions of applicable laws and building and construction codes shall be observed and the Contractor shall take or cause to be taken such additional safety and health measures as the Owner may determine to be reasonably necessary. Machinery, equipment and all hazards shall be guarded in accordance with the safety provisions of the "Manual of Accident prevention in Construction" published by the Associates General Contractors of America, Inc., to the extent that such provisions are not in conflict with applicable local laws.

105.2 The Contractor shall maintain an accurate record of all cases of death, occupational disease, or injury requiring medical attention or causing loss of time from work, arising out of and in the course of employment on work under the Contract. The Contractor shall promptly furnish the Owner with reports concerning these matters.

105.3 The Contractor shall indemnify and save harmless the Owner from any claims for damages resulting from property damage, personal injury and/or death suffered or alleged to have been suffered by any person as a result of any work conducted under this Contract.

106.0 USE OF PREMISES

106.1 The Contractor shall confine their equipment, storage of materials and construction operations to the Contract limits as shown on the Drawings and as prescribed by ordinances or permits, or as may be desired by the Owner and shall not unreasonably encumber the site or public rights of way with his materials and construction equipment.

106.2 The Contractor shall comply with all reasonable instructions of the Owner and the ordinances and codes of the Local Government, regarding signs, advertising, traffic, fires, explosives, danger signals, barricades and fire prevention.

107.0 REMOVAL OF DEBRIS, CLEANING, ETC.

The Contractor shall, periodically or as directed during the progress of the work, remove and legally dispose of all surplus excavated material and debris, and keep the Project Area and public rights of way reasonably clear. Upon completion of the work, the Contractor shall remove all temporary construction facilities, debris and unused materials provided for the work, and put

the work site of the work and public rights of way in a neat and clean condition. Trash burning on the site of the work will be subject to prior approval of the Owner and existing State and Local regulations.

108.0 INSPECTION

108.1 All materials and workmanship shall be subject to inspection, examination, or test by the Owner and the Engineer at any and all times during manufacture of construction and at any and all places where such manufacture or construction is carried on. The Owner shall have the right to reject defective material and workmanship or require its correction. Unacceptable workmanship shall be satisfactorily corrected. Rejected material shall be promptly segregated and removed from the Project Area and replaced with material of specified quality without charge therefore. If the Contractor fails to proceed at once with correction of rejected workmanship or defective material, the Owner may by Contract or otherwise have the defects remedied or rejected materials removed from the Project Area and charge the cost of the same against any monies which may be due the Contractor, without prejudice to any other rights or remedies of the Owner.

108.2 The Contractor shall furnish promptly all materials reasonably necessary for any tests, which may be required. (See Section 102 hereof). All tests by the Owner will be performed in such manner as not to delay the work unnecessarily and will be made in accordance with the provisions of the Technical Specifications.

108.3 The Contractor shall notify the Owner sufficiently in advance of backfilling or concealing any facilities to permit proper inspection. If any facilities are concealed without approval or consent of the Owner, the Contractor shall uncover for inspection and recover such facilities all at their own expense, when so requested by the Owner.

Should it be considered necessary or advisable by the Owner at any time before final acceptance of the entire work to make an examination of work already completed by uncovering the same, the Contractor shall on request promptly furnish all necessary facilities, labor, and material. If such work is found to be defective in any important or essential respect, due to fault of the Contractor or their subcontractors, the Contractor shall defray all the expenses of such examination and of satisfactory reconstruction. If, however, such work is found to meet the requirements of the Contract, the actual cost of labor and material necessarily involved in the examination and replacement, plus 15 percent of such costs to cover superintendence, general expenses and profit, shall be allowed by the Contractor and they shall, in addition, if completion of the work of the entire Contract has been delayed thereby, be granted a suitable extension of time on account of the additional work involved.

108.4 Inspection of materials and appurtenances to be incorporated in the Improvements embraced in this Contract may be made at the place of production, manufacture or shipment, whatever the quantity justifies it, and such inspection and acceptance, unless otherwise stated in the Technical Specifications, shall be final, except as regards (1) latent defects, (2) departures from specific requirements of the Contract, (3) damage or loss in transit, or (4) fraud or such gross mistakes as amount to fraud. Subject to the requirements contained in the preceding sentence, the inspection of materials as a whole or in part will be made at the Project Site.

108.5 Neither inspection, testing, approval nor acceptance of the work in whole or in part, by the Owner or its agents shall relieve the Contractor of their sureties of full responsibility for materials furnished or work performed not in strict accordance with the Contract.

109.0 REVIEW BY THE OWNER

The Owner, its authorized representatives and agents and the Representative for the Secretary (as defined under GENERAL CONDITIONS, PART II) shall, at all times, have access to, and be

permitted to observe and review all work, materials, equipment, payrolls, personnel records, employment conditions, material invoices, and other relevant data and records pertaining to this Contract, provided, however, that all instructions and approval with respect to the work will be given to the Contractor only by the Owner through its authorized representatives or agents.

110.0 FINAL INSPECTION

110.1 When the Improvements embraced in this Contract are substantially completed, the Contractor shall notify the Owner in writing that the work will be ready for final inspection on a definite date, which shall be stated in the notice. The notice will be given at least ten (10) days prior to the date stated for final inspection, and bear the signed concurrence of the representative of the Owner having charge of inspection. If the Owner determines that the status of the Improvements is as represented, it will make the arrangements necessary to have final inspection commenced on the date stated in the notice, or as soon thereafter as is practicable. The inspection party will include representatives of each department of the Local Government having in charge Improvements of like character when such Improvements are later to be accepted by the Local Government.

111.0 DEDUCTION FOR UNCORRECTED WORK

If the Owner deems it not expedient to require the Contractor to correct work not done in accordance with the Contract Documents, an equitable deduction from the Contract Price will be made by agreement between the Contractor and the Owner and subject to settlement, in case of dispute, as herein provided.

112.0 INSURANCE

See Section 5.0 Insurance for information.

113.0 PATENTS

The Contractor shall hold and save the Owner its officers, and employees, harmless from liability of any nature of kind, including costs and expenses, for, or on account of, any patented or unpatented invention, process, article, or appliance manufactured or used in the performance of the Contract, including its use by the Owner unless otherwise specifically stipulated in the Technical Specifications.

114.0 WARRANTY OF TITLE

No material, supplies, or equipment to be installed or furnished under this Contract shall be purchased subject to any chattel mortgage or under a conditioned sale, lease-purchase or other agreement by which an interest therein or in any part thereof is retained by the seller or supplier. The Contractor shall warrant good title to all materials, supplies, and equipment installed or incorporated in the work and upon completion of all work, shall deliver the same together with all improvements and appurtenances constructed or placed thereon by them to the Owner free from any claims, liens, or charges. Neither the Contractor nor any person, firm or corporation furnishing any material or labor for any work covered by this Contract shall have any right to a lien upon any improvement or appurtenance thereon. Nothing contained in this paragraph, however, shall defeat or impair the right of persons furnishing materials or labor to recover under any bond given by the Contractor for their protection or any rights under any law permitting such persons to look to funds due the Contractor in the hands of the Owner. The provisions of this paragraph shall be inserted in all subcontracts and materials contracts and notice of its provisions shall be given to all persons furnishing materials for the work when no formal Contract is entered into for such materials.

115.0 GENERAL GUARANTY

Neither the final certificate of payment nor any provision in the Contract nor partial or entire use of the Improvements embraced in this Contract by the Owner or the public shall constitute an acceptance of work not done in accordance with the Contract or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall promptly remedy any defects in the work and pay for any damage to other work resulting therefrom, which shall appear within a period of twelve (12) months from the date of final acceptance of the work. The Owner will give notice of defective materials and work with reasonable promptness.

116.0 CONTRACTOR TO MAKE OWN EXAMINATION

Plans, calculations, estimates of quantities, and any statements made in the Instructions to Bidders or otherwise as to the conditions under which the work is to be performed are not guaranteed by the Owner to be correct or to be a complete representation of all existing data on conditions affecting work, and the Contractor agrees that they have made their examination and will make no claim for damages on account of any errors, inaccuracies or omissions that may be found.

The Contractor shall not take any advantage or have any claim for damages on account of any discrepancy, error or omission in any plans, calculations, estimates of quantities, or any statement made in the Instructions to Bidders or otherwise as to the conditions under which the work is to be performed, and they shall report such discrepancy, error or omission to the Owner in writing as soon as it comes to their knowledge, and before proceeding with work related to such discrepancy, error or omission. Any correction or modification of the plans or specifications may be made by the Owner when necessary, in their opinion, for the proper fulfillment of their purpose or for their proper interpretation.

200.0 OMITTED

300.0 OMITTED

402.0 TIME FOR COMPLETION

The work which the Contractor is required to perform under this Contract shall be commenced at the time stipulated by the Owner in the Notice to Proceed to the Contractor.

The rate of progress shall be such that the whole work shall be performed in accordance with the terms of this contract within the number of calendar days after the date of execution of the contract as herein stipulated, unless the expected as any part may be delayed under the provisions of this contract. The work shall be pursued in a continuous, diligent, and uniform manner throughout the project until completion.

It is agreed that the rates of progress herein required has been purposely made low enough to allow for the ordinary delays incident to construction work of this character. No extension of time will be made for ordinary delays, inclement weather and accidents, and the occurrence of such will not relieve the Contractor from the necessity of maintaining this rate of progress.

If delays are caused by acts of God, acts of Government or State, strikes extra work, floods or other contingencies clearly beyond the control or responsibility of the Contractor, the Contractor shall be entitled to so much additional time wherein to perform and complete this contract on his part as the Engineer shall certify in writing to be just.

403.0 LIQUIDATED DAMAGES

In case the Contractor fails satisfactorily to complete the entire work contemplated and provided for under this contract on or before the date of completion determined as described above, the Owner shall deduct from the payments due to the Contractor each month the sum of \$250.00 for each calendar day (Sundays and legal holidays excluded) of delay, which sum is agreed upon not as a penalty, but as fixed and liquidated damages, said damages shall be deducted from any other moneys due or to become due the Contractor, and in case such damages exceed the amount of all moneys due or to become due, the Contractor then the Contractor or his Surety shall pay the balance to the Owner.

404.0 RESPONSIBILITIES OF CONTRACTOR

404.1 Except as otherwise specifically stated in the Contract Documents, and Technical Specifications, the Contract shall provide and pay for all materials, tools, labor, equipment, water, light, heat, power, transportation, superintendence, temporary construction of every nature, charges, levies, fee or other expenses, and all other services and facilities of every nature whatsoever necessary for the performance of the Contract and to deliver all improvements embraced in this Contract complete in every respect within the specified time.

404.2 All materials, workmanship, methods and practices shall conform to the current Standards of the American Water Works Association, the Rhode Island Standard Specifications for Road and Bridge Construction, 2010 edition, including all corrections, all issued compilation of approved specifications, and addendum to date and all general requirements and special requirements contained in this project specifications. All work zone traffic control shall be in accordance with the manual on uniform traffic control devices, 2009 edition.

404.3 The Contractor shall be responsible for detailed layout, all stakeout and grade control, and shall employ a registered engineer or a registered land surveyor for this purpose as may be necessary. The Owner will provide engineering and inspection.

404.4 The Contractor shall verify dimensions shown on the plans and if any inconsistencies or discrepancies should be noted on the Drawings and the Specifications, he/she shall immediately notify the Owner. The Contractor will be held responsible for any errors resulting from his/her failure to exercise the aforementioned precaution.

404.5 As soon as the Contract is executed, the Contractor shall order any materials necessary and not supplied by the Owner, submit construction schedules as hereinafter specified, and otherwise anticipate the Notice to Proceed. When the Owner gives the Notice to Proceed, the work of construction shall begin at the time stipulated therein and shall be completed within the Time for Completion specified.

404.6 It is the Contractor's responsibility to make his/her own investigation and related assumptions and to *satisfy himself as to subsurface conditions and to insure that these are reflected in the prices bid*. No change or extra to the price will be accepted due to subsurface conditions or utility locations.

The determination of location and subsequent maintenance and protection of existing subsurface and above ground utilities are the sole responsibility of the Contractor; claims resulting from damage to such by the Contractor will be settled by the Contractor at his/her expense in accordance with the Contract.

404.7 The Contractor shall, at his/her own expense, take out all necessary permits from the county, municipal, or other public authorities; shall give all notices required by law or ordinances; and shall post all bonds and pay all fees and charges incident to the due and lawful prosecution of the work covered by this Contract.

404.8 RESPONSIBILITY FOR MATERIAL FURNISHED BY OWNER: The Contractor's responsibility for material furnished by the Owner shall begin upon Contractor's acceptance at the point of delivery to him. All such material shall be examined, and material defective in manufacture and/or otherwise damaged shall be rejected by the Contractor at the time and place of delivery to him and replaced by the Owner. Material furnished by the Owner which is accepted by the Contractor, but is discovered prior to final acceptance of the work, (1) to be defective in manufacture, shall be replaced by the Owner; (2) to have been damaged before or after acceptance by the Contractor, shall be replaced by the Contractor. Once accepted by the Contractor at the point of delivery to him, all defective and/or damaged material discovered prior to final acceptance of the work shall be removed by the Contractor and he shall install, at his own expense, the material replaced, in its stead, by the Owner or Contractor. In such case, the Contractor shall furnish all labor, equipment, and material incidental to replacement and necessary for the completion of the work to the satisfaction of the Engineer.

404.9 RESPONSIBILITY FOR SAFE STORAGE: The Contractor shall be responsible for the safe storage of all material furnished to or by him and accepted by him until it has been incorporated in the completed project.

405.0 COMMUNICATIONS

405.1 All notices, demands, requests, instructions, approvals, proposals and claims must be in writing.

405.2 Any notice to or demand upon the Contractor shall be sufficiently given if delivered at the office of the Contractor stated on the signature page of the Agreement (or at such other offices as the Contractor may from time to time designate in writing to the Owner), or if deposited in the United States mail in a sealed, postage-prepaid envelope, or delivered with charges prepaid to any telegraph company for translation, in each case addressed to such office.

405.3 All papers; required to be delivered to the Owner shall, unless otherwise specified in writing to the Contractor, be delivered to the CITY OF PAWTUCKET, DEPARTMENT OF PUBLIC WORKS, 250 Armistice Boulevard, Pawtucket, Rhode Island, 02860; any notice to or demands upon the Owner shall be sufficiently given if so delivered, or if deposited in the United States mail in a sealed, postage-prepaid envelope, or delivered with charges prepaid to any telegraph company for transmission to said Owner at such address, or to such other representative of the Owner or to such other address, as the Owner may subsequently specify in writing to the Contractor for such purpose.

405.4 Any such notice shall be deemed to have been given as of the time of actual delivery or (in the case of mailing when the same should have been received in due course of post, or in the case of telegram) at the time of actual receipt, as the case may be.

406.0 PARTIAL USE OF SITE IMPROVEMENTS

The Owner, at its elections may give notice to the Contractor and place in use those sections of the improvements which have been completed, inspected, and can be accepted as complying with the Technical Specifications and if in its opinion, each such section is reasonably safe, fit and convenient, for the use and accommodation for which it was intended, provided;

406.1 The use of such sections of the Improvements shall in no way impede the completion of the remainder of the work by the Contractor.

406.2 The Contractor shall not be responsible for any damages or maintenance costs due directly to the use of such sections.

406.3 The use of such sections shall in no way relieve the Contractor or his liability due to having used defective materials or to poor workmanship.

406.4 The period of guarantee shall not begin to run until the date of the final acceptance of all work which the Contractor is required to construct under this Contract.

407.0 OMITTED

408.0 OMITTED

409.0 EMPLOY SUFFICIENT LABOR AND EQUIPMENT

If, in the opinion of the Engineer, the Contractor is not employing sufficient labor or equipment to complete this contract within the time specified the Owner may, after giving written notice, require said Contractor to employ such additional labor and equipment as may be necessary to enable said work to progress properly.

410.0 INTOXICATING LIQUORS

The Contractor shall not sell and shall neither permit or suffer the introduction or use of intoxicating liquors upon or about the work embraced in this contract.

411.0 ACCESS TO WORK

The Owner and the Engineer, and their agents and employees may, for purposes already specified and for any other purpose, enter upon the work and the premises used by the Contractor, and the Contractor shall provide safe and proper facilities therefor.

412.0 TIME OF BEGINNING WORK

412.1 Except as herein provided, the Contractor shall commence work at such points as the Engineer may approve, within ten (10) days after the execution of this contract by the Owner.

412.2 Such time of starting may be postponed by written agreement between the Owner and the Contractor because of expected delays in receipt of materials and equipment, or if the season be unsuitable for commencement of the work, or because of other contingency clearly beyond the control or responsibility of the Contractor. Unless stipulated otherwise in said agreement, the Contractor shall commence work at such points as the Engineer may direct or approve, within 10 days after the receipt of a written order from the Owner to start work.

413.0 PROVISIONS FOR TRAFFIC

413.1 The Contractor shall not close or obstruct any portion of a street without obtaining permits for from the proper municipal authorities. If any street or private way shall be rendered unsafe by the Contractor's operations, he shall make such repairs or provide such temporary ways or guards as shall be acceptable to the Owner.

413.2 Streets, roads, private ways, and walks shall be maintained passable by the Contractor at his expense, and the Contractor shall assume full responsibility for the adequacy and safety of provisions made. He shall conduct his construction operations such that interference with the flow of traffic will be held to a minimum.

413.3 The Contractor shall cooperate in every way possible with the municipal authorities maintaining a flow of traffic through the site. The Contractor shall notify the Pawtucket Fire Department when any street is to be closed regardless of the length of time or time of day.

413.4 All detours shall be signed and lighted as directed by the City of Pawtucket.

414.0 COORDINATION WITH OUTSIDE PARTIES

414.1 The Contractor shall conduct his work so as to interfere as little as possible with private business and public travel. He shall at his own expense, wherever necessary or required, maintain fences, furnish watchmen, maintain lights and take such other precautions as may be necessary to protect life and property.

414.2 The Contractor shall take all responsibility for the protection of the work and for preventing injuries to persons and damage to property and utilities on or about the work. He shall not be relieved of his responsibility by any right of the City to give permission or issue orders relating to any part of the work, or by any such permission given or orders issued, or by failure of the Engineer to give such permission or issue such orders. The Contractor shall bear all losses resulting to him or to the Owner on account of the amount of character of the work, or because nature of the land in or on which the work is done is different from what was estimated or expected, or on account of the weather, elements or other causes. The Contractor shall assume the defense of all claims or whatsoever character against the Contractor of the Owner, and indemnify, save harmless and insure the Owner, its officers or agents, against all claims arising out of injury or damage to persons, corporation, or property, whether said claims are for unavoidable damage or not, and from all claims relating to labor and materials furnished for the work. The Contractor shall not be required to indemnify the Owner against damage or claims occasioned by acts of the Owner, except otherwise provided in the articles relative to patents and responsibilities.

415.0 DELAY BY OWNER

The Owner may delay the beginning of the work or any part thereof, if the necessary lands or rights-of-way, or materials for such work shall not have been obtained. The Contractor shall have no claim for damages on account of such delay, but shall be entitled to so much additional time wherein to perform and complete this contract on his part as the City shall certify in writing to be just.

416.0 OMITTED

417.0 PROVISIONS REQUIRED BY LAW DEEMED INSERTED

Each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be inserted herein and the contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party, the contract shall forthwith be physically amended to make such insertion.

418.0 SAFETY AND HEALTH REGULATIONS

These construction documents, and the joint and several phases of construction hereby contemplated are to be governed, at all times by applicable provisions of the Federal law(s), including but not limited to, the latest amendments of the following:

- (1) Williams-Steiger Occupational Safety and Health Act of 1970, Public Law 91-596;

- (2) Part 1910 - Occupation Safety and Health Standards, Chapter XVII of Title 29, Code of Federal Regulations;
- (3) Part 1518 - Safety and Health Regulations for Construction, Chapter XIII of Title 29, Code of Federal Regulations.

In the event of any inconsistencies between the above laws and regulations and the provisions of these documents, the laws and regulations shall prevail.

419.0 NOTIFICATION OF EXCAVATION TO UTILITIES

The Contractor shall provide a minimum of two working days notice to "Dig Safe" (1-800-225-4977) and any other appropriate utility before the Contractor begins excavation.

14.0 – Special Conditions for CDBG Contracts

INTRODUCTION: The following special conditions are items which must be contained in contracts that are fully or partially paid with Community Development Block Grant (CDBG) funds. Some items such as bonding and insurance may also be included elsewhere in the contract documents. The Contractor must comply with those City requirements as well as these Federal requirements.

The Contractor shall comply with all applicable special conditions for CDBG contracts as contained herein and shall insert appropriate provisions in all subcontracts covering work under this contract to insure compliance by subcontractors with such regulations and shall be responsible for the submission of affidavits required of subcontractors there under except as the Secretary of Labor may specifically provide for variations of or exemptions from the requirements thereof.

The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.

The Contractor must submit to the Project Manager or Representative, within ten (10) days of bid opening, the names and addresses of the subcontractors he/she proposes to utilize on the project in order for the Project Manager to approve utilization of said subcontractors. If other subcontractors are proposed during the construction phase, their names and addresses are to be submitted to the Project Manager prior to utilization for approval.

Complete language on the Federal labor laws is included in the attached HUD 4010, which is incorporated by reference.

Statements show in italics are instructions to the reader.

I. SPECIAL CONDITIONS FOR ALL CDBG CONTRACTS

A. HUD SECTION 3 CLAUSE

Because this project receives direct Federal financial assistance, compliance with Section 3 of the Housing and Development Act of 1968 and the regulation implementing that Section is required. The Contractor understands that this requires the project to make training, employment and contracting opportunities available, to the greatest extent feasible, to lower income City residents and businesses.

1. COMPLIANCE WITH HUD SECTION 3 CLAUSE

Compliance: Compliance with the provisions of Section 3, the regulations set forth in 24 CFR 135, and all applicable rules and orders issued hereunder prior to the execution of this contract, shall be a condition of the Federal financial assistance provided under this contract and binding upon the City of Pawtucket (City) and any of the City's sub-recipients and subcontractors. Failure to fulfill these requirements shall subject the City, the City's sub-recipients and subcontractors, their successors and assigns, to those sanctions specified by the Agreement through which Federal assistance is provided. The City certifies and agrees that no contractual or other disability exists which would prevent compliance with these requirements.

The Contractor further agrees to comply with these "Section 3" requirements and to include the following language in all subcontracts executed under this Agreement:

"The work to be performed under this contract is a project assisted under a program providing direct Federal financial assistance from HUD and is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1988, as amended, 12 U.S.C. 1701. Section 3 requires that to the greatest extent feasible

opportunities for training and employment be given to low- and very low-income residents of the project area and contracts for work in connection with the project be awarded to business concerns that provide economic opportunities for low- and very low-income persons residing in the metropolitan area in which the project is located."

The Contractor further agrees to ensure that opportunities for training and employment arising in connection with a housing rehabilitation (including reduction and abatement of lead-based paint hazards), housing construction, or other public construction project are given to low- and very low-income persons residing within the metropolitan area in which the CDBG-funded project is located; where feasible, priority should be given to low- and very low-income persons within the service area of the project or the neighborhood in which the project is located, and to low- and very low-income participants in other HUD programs; and award contracts for work undertaken in connection with a housing construction, or other public construction project are given to business concerns that provide economic opportunities for low- and very low-income persons residing within the metropolitan area in which the CDBG-funded project is located; where feasible, priority should be given to business concerns which provide economic opportunities to low- and very low-income residents within the service area or the neighborhood in which the project is located, and to low- and very low-income participants in other HUD programs.

The Contractor certifies and agrees that no contractual or other legal incapacity exists which would prevent compliance with these requirements.

2. Notifications

The Contractor agrees to send to each labor organization or representative of workers with which it has a collective bargaining agreement or other contract or understanding, if any, a notice advising said labor organization or worker's representative of its commitments under the Section 3 clause and shall post copies of the notice in conspicuous places available to employees and applicants for employment or training.

3. Subcontracts

The Contractor will include this Section 3 clause in every subcontract and will take appropriate action pursuant to the subcontract upon a finding that the subcontractor is in violation of regulations issued by the grantor agency. The City will not subcontract with any entity where it has notice or knowledge that the latter has been found in violation of regulations under 24 CFR 125 and will not let any subcontract unless the entity has first provided it with a preliminary statement of ability to comply with the requirements of these regulations.

B. Remedies for Violation or Breach of Contract Terms

All claims, disputes and other matters in question between the parties to this agreement, arising out of or relating to this agreement or the breach thereof, shall be resolved as provided by Rhode Island law. Venue shall be in the County of Providence, Rhode Island. Failure to timely comply with the contract without approval from the City shall be deemed a breach of this agreement and the expenses and costs incurred by the City shall be the burden of the Contractor. Disputes regarding the interpretation of this contract shall be resolved in favor of the City.

C. Patent and Copyrights

The U.S. Department of Housing and Urban Development and the City of Pawtucket retain patent rights and copyrights on any project which involves research, developmental, experimental or demonstration work.

D. Adherence to State Energy Conservation Plan

The successful bidder shall recognize and adhere to mandatory standards and policies relating to energy efficiency which are contained in the State energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Public Law 94-163).

E. Access to Records—*For all contracts other than those awarded under small purchase procedures:*

Providence County, the consultant operating on behalf of the City of Pawtucket, the State of Rhode Island, the U. S. Department of HUD, the Comptroller General of the United States or any of their authorized representatives, shall have access to any books, documents, papers and records of the Contractor which are directly pertinent to this contract, for the purpose of performing audit or project monitoring, and such records shall be subject to examination, copying, excerpting or transcribing.

F. Contract Work Hours and Safety Standards—*Applies to any contracts in excess of \$2,000, which may involve the employment of mechanics or laborers. (These requirements do not apply to the purchase of supplies or materials or articles ordinarily available on the open market or contracts for transportation or transmission of intelligence.)*

The Contractor shall comply with Sections 103 and 107 of the Contractor Work Hours and Safety Standards Act (40 USC 327-330) as supplemented by Department of Labor Regulations (29 CFR, Part 5). Under Section 103 of the Act each Contractor shall be required to compute the wages of every mechanic and laborer on the basis of a standard work week of forty (40) hours. Work in excess of that standard work week is permissible provided that the worker is compensated at a rate of not less than 1½ times the basic rate of pay for all hours worked in excess of forty (40) hours in the work week. (This requirement applies to time spent on federally assisted contracts only.) Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous to his health and safety as determined under construction safety and health standards promulgated by the Secretary of Labor.

G. Federal Equal Opportunity Laws

1. Certification of Non-Segregated Facilities (for contracts over \$10,000)

2. Title VI, Civil Rights Act of 1964

Affirmatively furthering the policies of the Fair Housing Act

3. Section 109 of the Housing and Community Development Act of 1974

No person in the United States shall on the grounds of race, color, national origin, religion or sex be excluded from participation in, be denied the benefits of or be subjected to discrimination under any program or activity receiving Federal financial assistance made available pursuant to the Act.

4. Section 503 Handicapped (for contracts \$2,500 or over)

5. Age Discrimination Act of 1975

Prohibits against discrimination on the basis of age

6. Section 504 of the Rehabilitation Act of 1973

Prohibits against discrimination on the basis of disability

II. ADDITIONAL SPECIAL CONDITIONS FOR ALL CDBG CONSTRUCTION CONTRACTS**A. Copeland “Anti-Kickback Act”**

The Contractor shall comply with the Copeland “Anti-Kickback Act” (18 USC 874) as supplemented in Department of Labor regulations (29 CFR, Part 3). This Act provides that each Contractor or sub-grantee shall be prohibited from inducing, by any means, any person employed in the construction, completion or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The City of Pawtucket shall report all suspected or reported violations to the U. S. Department of HUD.

B. All Construction Contracts Expected to be Over \$2,000**Davis-Bacon Requirements**

The Contractor shall comply with the Davis-Bacon Act (40 USC 276a to a-7) as supplemented by Department of Labor regulations (29 CFR, Part 5). Under this Act Contractors and subcontractors shall be required to pay wages to laborers and mechanics at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. In addition Contractors shall be required to pay wages not less often than once a week. A copy of the prevailing wage rates is included in this solicitation. Any known changes to these wage rates prior to award of contract shall be made known to offerers. In addition Contractors will be required to provide payroll information to the City of Pawtucket on a weekly basis for verification of compliance. Contractors and subcontractors to submit this information on Certified Payroll Forms as supplied by the State of Rhode Island Department of Labor and Training. The City of Pawtucket will report all suspected or reported violations of this condition to the U. S. Department of HUD and/or the U. S. Department of Labor.

--See attached copy of the applicable wage rates in Appendix C--

C. All Construction Contracts over \$10,000**1. Contract Termination**

This contract may be terminated upon thirty (30) days’ written notice without cause. In the event this contract is terminated without cause, the Contractor shall be compensated for all services performed to termination date together with any expenses incurred to that date. This contract may be terminated by either party upon seven (7) days’ written notice should the other party fail substantially to perform in accordance with its terms through no fault of the party initiating the termination. In the event the contract is terminated through fault of the Contractor, the Contractor shall bear all additional expenses incurred by the County for the completion of the contract, including those required to retain additional Contractors to complete the work.

2. Equal Employment Opportunity

Contractors shall comply with Executive Order 11246 entitled “Equal Employment Opportunity,” as amended by Executive Order 11375 and as supplemented in Department of Labor regulations (41 CFR, Part 60).

The Contractor also agrees to ensure that Minority Business Enterprises, as defined in 49 CFR, Part 23, have the maximum opportunity to participate in the performance of contracts and subcontracts financed in whole or in part with Federal funds provided under this agreement. In this regard the Contractor shall take all necessary

reasonable steps in accordance with 49 CFR, Part 23, to ensure that Minority Business Enterprises have the maximum opportunity to compete for and perform contracts.

D. All Construction Contracts over \$100,000

1. Section 306 of the Clean Air Act, Section 508 of the Clean Water Act and EPA Regulations of Nonexempt Federal Contracts

The Contractor shall comply with all applicable standards, orders or requirements issued under Section 306 of the Clean Air Act (42 USC 1857(h)); Section 508 of the Clean Water Act (33 USC 1368), Executive Order 11738; and Environmental Protection Agency Regulations (40 CFR, Part 15), which prohibit the use under Nonexempt Federal contracts, grants or loans of facilities included on the EPA List of Violating Facilities. Violations will be reported to HUD and to the USEPA Assistant Administrator for Enforcement (EN-329).

2. Bonding and Insurance

The following bonding and insurance items are required:

- a. A bid guarantee from the bidder equivalent to 5 percent of the bid price. The bid "guarantee" shall consist of a firm commitment such as a bid bond, certified check or other negotiable instrument accompanying the bid as assurance that the bidder will, upon acceptance of his bid, execute such contractual documents as may be required within the time specified.
- b. A performance bond on the part of the Contractor for 100 percent of the contract price. A "performance bond" is one executed in connection with a contract to secure fulfillment of all the Contractor's obligations under such contract.
- c. A payment bond on the part of the Contractor for 100 percent of the contract price. A "payment bond" is one executed in connection with a contract to assure payment as required by law of all persons supplying labor and material in the execution of the work provided for in the contract.

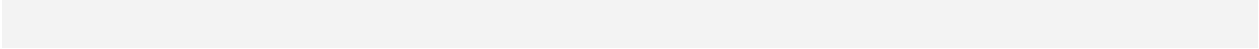
III. RESTRICTION ON ALL PUBLIC WORKS PROJECTS

No Contractor, or subcontractor, of a foreign country included on the list of countries that discriminate against U. S. firms published by the Office of the United States Trade Representative (USTR) may be awarded a contract or a subcontract.

IV. ADDITIONAL REQUIRED INFORMATION ON ALL CONTRACTS

All contractors and their subcontractors are required to supply the following so that the City of Pawtucket submit quarterly and yearly reporting as required by the CDBG Grant.

- Unique Entity Identification number (from Federal Government as created in SAM.gov)
- Data Universal Numbering System DUNS #

- Prime Contractor Identification number(Tax ID #)
 - Sign "CERTIFICATION OF SPECIAL CONDITIONS FOR CDBG CONTRACTS" form supplied by the City upon award of contract.
 - Sign "CERTIFICATIONS SECTION 3 OF THE HOUSING AND URBAN DEVELOPMENT ACT OF 1968" form supplied by the City upon award of contract.
- 

Appendix A**ANTI-KICKBACK ACKNOWLEDGMENT****ALL BIDDERS/OFFERORS MUST ATTEST TO THE FOLLOWING:**

The vendor acknowledges, under the pains and penalties of perjury, that he/she has not been offered, paid, or solicited for any contribution or compensation, nor has he/she been granted a gift, gratuity, or other consideration, either directly or indirectly by any officer, employee or member of the governing body of the City of Pawtucket who exercises any functions or responsibilities in connection with either the award or execution of the project to which this contract pertains.

Further, the vendor acknowledges, under the pains and penalties of perjury, that he/she has not offered, paid, or solicited by way of any contribution or compensation, nor has he/she granted a gift, gratuity or other consideration either directly or indirectly to any officer, employee, or member of the governing body of the City of Pawtucket who exercises any functions or responsibilities in connection with either the award or execution of the project to which this project or contract pertains.

SIGNATURE OF OFFEROR

DATE

TITLE

COMPANY

Title of RFP:

(submit at time of bid submission)

Appendix B

CITY OF PAWTUCKET GENERAL TERMS AND CONDITIONS OF PURCHASE

Preamble

The City of Pawtucket's Purchasing Office may, from time to time, make amendments to the General Terms and Conditions when the City of Pawtucket's Purchasing Agent determines that such amendments are in the best interest of the City of Pawtucket. Amendments shall be made available for public inspection at the Purchasing Office located in Pawtucket City Hall but shall not require formal public notice and hearing. Copies of the Terms and Conditions shall be provided to any individual or firm requesting them.

CITY OF PAWTUCKET'S PURCHASING OFFICE GENERAL CONDITIONS OF PURCHASE

All City of Pawtucket purchase orders, contracts, solicitations, delivery orders and service requests shall incorporate and be subject to the provisions of Rhode Island General Laws 37-2-2 and the City of Pawtucket purchasing rules and regulations adopted pursuant thereto, all other applicable provisions of the Rhode Island General Laws, the Pawtucket City Charter, specific requirements described in the Request or Contract, and the following General Conditions of Purchase:

1. GENERAL

All purchase orders, contracts, solicitations, delivery orders, and service requests are for specified goods and services, in accordance with express terms and conditions of purchase, as defined herein. For the purposes of this document, the terms "bidder" and "contractor" refer to any individual, firm, corporation, or other entity presenting a proposal indicating a desire to enter into contracts with the City of Pawtucket, or with whom a contract is executed by the City of Pawtucket's Purchasing Agent, and the term "contractor" shall have the same meaning as "vendor".

2. ENTIRE AGREEMENT

The City of Pawtucket's Purchase Order, or other City of Pawtucket contract endorsed by the City of Pawtucket Purchasing Office, shall constitute the entire and exclusive agreement between the City of Pawtucket and any contractor receiving an award. In the event any conflict between the bidder's standard terms of sale, these conditions or more specific provisions contained in the solicitation shall govern.

All communication between the City of Pawtucket and any contractor pertaining to any award or contract shall be accomplished in writing.

- a. Each proposal will be received with the understanding that the acceptance, in writing, by contract or Purchase Order by the City of Pawtucket Purchasing Agent of the offer to do work or to furnish any or all the materials, equipment, supplies or services described therein shall constitute a contract between the bidder and the City of Pawtucket. This shall bind the bidder on his part to furnish and deliver at the prices and in accordance with the conditions of said accepted proposal and detailed specifications and the City of Pawtucket on its part to order from such contractor (except in case of emergency) and to pay for at the agreed prices, all materials, equipment, supplies or services specified and delivered. A contract shall be deemed executory only to the extent of funds available for payment of the amounts shown on Purchase Orders issued by the City of Pawtucket to the contractors.
- b. No alterations or variations of the terms of the contract shall be valid or binding upon the City of Pawtucket unless submitted in writing and accepted by the City of Pawtucket Purchasing Agent. All orders and changes thereof must emanate from the City of Pawtucket Purchasing Office: no oral agreement or arrangement made by a contractor with a department or employee will be considered to be binding on the City of Pawtucket Purchasing Agent, and may be disregarded.
- c. Contracts will remain in force for the contract period specified or until all articles or services ordered before date of termination shall have been satisfactorily delivered or rendered and accepted and thereafter until all terms and conditions have been met, unless:
 1. terminated prior to expiration date by satisfactory delivery against orders of entire quantities, or
 2. extended upon written authorization of the City of Pawtucket Purchasing Agent and accepted by the contractor, to permit ordering of the unordered balances or

- additional quantities at the contract price and in accordance with the contract terms, or
3. canceled by the City of Pawtucket in accordance with other provisions stated herein.
 - d. It is mutually understood and agreed that the contractor shall not assign, transfer, convey, sublet or otherwise dispose of this contract or his right, title or interest therein, or his power to execute such contract, to any other person, company or corporation, without the previous consent, in writing, of the City of Pawtucket Purchasing Agent.
 - e. If, subsequent to the submission of an offer or issuance of a purchase order or execution of a contract, the bidder or contractor shall merge with or be acquired by another entity, the contract may be terminated, except as a corporate resolution prepared by the contractor and the new entity ratifying acceptance of the original bid or contract terms, condition, and pricing is submitted to the City of Pawtucket Purchasing Office, and expressly accepted.
 - f. The contractor or bidder further warrants by submission of an offer or acceptance of a purchase order or other contract that he has no knowledge at the time of such action of any outstanding and delinquent or otherwise unsettled debt owed by him to the City of Pawtucket, and agrees that later discovery by the City of Pawtucket Purchasing Agent that this warranty was given in spite of such knowledge, except where the matter is pending in hearing or from any appeal therefrom, shall form reasonable grounds for termination of the contract.

3. SUBCONTRACTS

No subcontracts or collateral agreements shall be permitted, except with the City of Pawtucket's express written consent. Upon request, contractors must submit to the City of Pawtucket Purchasing Office a list of all subcontractors to be employed in the performance of any Purchase Order or other contract arising from this Request.

4. RELATIONSHIP OF PARTIES

The contractor or bidder warrants, by submission of an offer or acceptance of a purchase order or other contract, that he is not an employee, agent, or servant of the City of Pawtucket, and that he is fully qualified and capable in all material regards to provide the specified goods and services. Nothing herein shall be construed as creating any contractual relationship or obligation between the City of Pawtucket and any sub-bidder, subcontractor, supplier, or employee of the contractor or offeror.

5. COSTS OF PREPARATION

All costs associated with the preparation, development, or submission of bids or other offers will be borne by the offeror. The City of Pawtucket will not reimburse any offeror for such costs.

6. SPECIFIED QUANTITY REQUIREMENT

Except where expressly specified to the contrary, all solicitations and contracts are predicated on a specified quantity of goods or services, or for a specified level of funding.

- a. The City of Pawtucket reserves the right to modify the quantity, scope of service, date of delivery or completion, or funding of any contract, with no penalty or charge, by written notice to the contractor, except where alternate terms have been expressly made a part of the contract.
- b. The City of Pawtucket shall not accept quantities in excess of the specified quantity except where the item is normally sold by weight (where sold by weight, the City of Pawtucket will not accept quantities greater than ten per cent [10%] of the specified quantity), or where the Request or Contract provides for awards for other than exact quantities.
- c. Purchase Orders or other contracts may be increased in quantity or extended in term without subsequent solicit with the mutual consent of the contractor and the City of Pawtucket, where determined by the City of Pawtucket Purchasing Agent to be in the City of Pawtucket's best interest.

7. TERM AND RENEWAL

Where offers have been requested or contracts awarded for terms exceeding periods of twelve (12) months, it is mutually understood and agreed that the City of Pawtucket's commitment is limited to a base term not to exceed twelve (12) months, subject to renewal annually at the City of Pawtucket's sole option for successive terms as otherwise described, except where expressly specified to the contrary. Purchase orders appearing to commit to obligations of funding or terms of performance may be executed for administrative convenience, but are otherwise subject to this provision, and in such cases the City of Pawtucket's renewal shall be deemed to be automatic, conditional on the continued availability of appropriated funds for the purpose, except as written notice of the City of Pawtucket's intent not to renew is served.

8. DELIVERY/COMPLETION

Delivery must be made as ordered and/or projects completed in accordance with the proposal. If delivery qualifications do not appear on the bidder's proposal, it will be interpreted to mean that goods are in stock and that shipment will be made within seven (7) calendar days. If the project completion date is not specified in the proposal, the date shall be determined by the City of Pawtucket Purchasing Agent. The decision of the City of Pawtucket Purchasing Agent, as to reasonable compliance with the delivery terms, and date of completion shall be final. Burden of proof of delay in receipt of order shall rest with the contractor. No delivery charges shall be added to invoices except when authorized on the Purchase Order.

9. FOREIGN CORPORATIONS

In accordance with Title 7 Chapter 1.1 ("Business Corporations") of the General Laws of Rhode Island, no foreign corporation shall have the right to transact business in this state until it shall have procured a certificate of authority so to do from the Secretary of State.

10. PRICING

All pricing offered or extended to the City of Pawtucket is considered to be firm and fixed unless expressly provided for to the contrary. All prices shall be quoted F.O.B. Destination with freight costs included in the unit cost to be paid by the City of Pawtucket, except, where the Request or Contract permits, offers reflecting F.O.B. Shipping Point will be considered, and freight costs may then be prepaid and added to the invoice.

11. COLLUSION

Bidder or contractor warrants that he has not, directly or indirectly, entered into any agreements or participated in any collusion or otherwise taken any action in restraint of full competitive bidding. In special circumstances, an executed affidavit will be required as a part of the bid.

12. PROHIBITION AGAINST CONTINGENT FEES AND GRATUITIES

Bidder or contractor warrants that he has not paid, and agrees not to pay, any bonus, commission, fee, or gratuity to any employee or official of the City of Pawtucket for the purpose of obtaining any contract or award issued by the City of Pawtucket. Bidder or contractor further warrants that no commission or other payment has been or will be received from or paid to any third party contingent on the award of any contract by the City of Pawtucket, except as shall have been expressly communicated to the City of Pawtucket Purchasing Agent in writing prior to acceptance of the contract or award in question. Subsequent discovery by the City of Pawtucket of non-compliance with these provisions shall constitute sufficient cause for immediate termination of all outstanding contracts and suspension or debarment of the bidder(s) or contractor(s) involved.

13. AWARDS

Awards will be made with reasonable promptness and by written notice to the successful bidder (only); bids are considered to be irrevocable for a period of ninety (90) days following the bid opening unless expressly provided for to the contrary in the Request, and may not be withdrawn during this period without the express permission of the City of Pawtucket Purchasing Agent.

- a. Awards shall be made to the bidder(s) whose offer(s) constitutes the lowest responsive price offer (or lowest responsive price offer on an evaluated basis) for the item(s) in question or for the Request as a whole, at the option of the City of Pawtucket. The City of Pawtucket reserves the right to determine those offers which are responsive to the Request, or which otherwise serve its best interests.
- b. The City of Pawtucket reserves the right, before making award, to initiate investigations as to whether or not the materials, equipment, supplies, qualifications or facilities offered by

the bidder meet the requirements set forth in the proposal and specification, and are ample and sufficient to insure the proper performance of the contract in the event of award. If upon such examination it is found that the conditions of the proposal are not complied with or that articles or equipment proposed to be furnished do not meet the requirements called for, or that the qualifications or facilities are not satisfactory, the City of Pawtucket may reject such a bid. It is distinctly understood, however, that nothing in the foregoing shall mean or imply that it is obligatory upon the City of Pawtucket to make any examinations before awarding a contract; and it is further understood that if such examination is made, it in no way relieves the contractor from fulfilling all requirements and conditions of the contract.

- c. Qualified or conditional offers which impose limitations of the bidder's liability or modify the requirements of the bid, offers for alternate specifications, or which are made subject to different terms and conditions than those specified by the City of Pawtucket may, at the option of the City of Pawtucket, be
 - 1. rejected as being non-responsive, or
 - 2. set aside in favor of the City of Pawtucket's terms and conditions (with the consent of the bidder), or
 - 3. accepted, where the City of Pawtucket Purchasing Agent determines that such acceptance best serves the interests of the City of Pawtucket.

Acceptance or rejection of alternate or counter-offers by the City of Pawtucket shall not constitute a precedent which shall be considered to be binding on successive solicitations or procurements.
- d. Bids submitted in pencil, or which do not bear an original signature, in ink, by an owner or authorized agent thereof, will not be accepted.
- e. Bids must be extended in the unit of measure specified in the Request. In the event of any discrepancy between unit prices and their extensions, the unit price will govern.
- f. The City of Pawtucket Purchasing Agent reserves the right to determine the responsibility of any bidder for a particular procurement.
- g. The City of Pawtucket Purchasing Agent reserves the right to reject any and all bids in whole or in part, to waive technical defects, irregularities, and omissions, and to give consideration to past performance of the offerors where, in his judgment the best interests of the City of Pawtucket will be served by so doing.
- h. The City of Pawtucket Purchasing Agent reserves the right to make awards by items, group of items or on the total low bid for all the items specified as indicated in the detailed specification, unless the bidder specifically indicates otherwise in his bid.
- i. Preference may be given to bids on products raised or manufactured in the City of Pawtucket or State of Rhode Island, other things being equal.
- j. The impact of discounted payment terms shall not be considered in evaluating responses to any Request.
- k. The City of Pawtucket Purchasing Agent reserves the right to act in the City of Pawtucket's best interests regarding awards caused by clerical errors by the City of Pawtucket Purchasing Office.

14. SUSPENSION AND DEBARMENT

The City of Pawtucket Purchasing Agent may suspend or debar any vendor or potential bidder, for good cause shown:

- a. A debarment or suspension against a part of a corporate entity constitutes debarment or suspension of all of its divisions and all other organizational elements, except where the action has been specifically limited in scope and application, and may include all known corporate affiliates of a contractor, when such offense or act occurred in connection with the affiliate's performance of duties for or on behalf of the contractor, or with the knowledge, approval, or acquiescence of the contractor or one or more of its principals or directors (or where the contractor otherwise participated in, knew of, or had reason to know of the acts).
- b. The fraudulent, criminal or other serious improper conduct of any officer, director, shareholder, partner, employee, or any other individual associated with a contractor may be imputed to the contractor when the conduct occurred in connection with the individual's performance of duties for or on behalf of the contractor, or with the contractor's knowledge, approval or acquiescence. The contractor's acceptance of benefits derived from the conduct shall be evidence of such knowledge, approval, or acquiescence.

- c. A vendor or contractor who knowingly engages as a subcontractor for a contract awarded by the City of Pawtucket to a vendor or contractor then under a ruling of suspension or debarment by the City of Pawtucket shall be subject to disallowance of cost, annulment or termination of award, issuance of a stop work order, or debarment or suspension, as may be judged to be appropriate by the City of Pawtucket's Purchasing Agent.
15. **PUBLIC RECORDS**
Contractors and bidders are advised that certain documents, correspondence, and other submissions to the City of Pawtucket's Purchasing Office may be voluntarily made public by the City of Pawtucket absent specific notice that portions of such submittals may contain confidential or proprietary information, such that public access to those items should be withheld.
16. **PRODUCT EVALUATION**
In all specifications, the words "or equal" are understood after each article when manufacturer's name or catalog are referenced. If bidding on items other than those specified, the bidder must, in every instance, give the trade designation of the article, manufacturer's name and detailed specifications of the item the bidder proposes to furnish; otherwise, the bid will be construed as submitted on the identical commodity described in the detailed specifications. The City of Pawtucket's Purchasing Agent reserves the right to determine whether or not the item submitted is the approved equal the detailed specifications.
- a. Any objections to specifications must be filed by a bidder, in writing, with the City of Pawtucket's Purchasing Agent at least 96 hours before the time of bid opening to enable the City of Pawtucket's Purchasing Office to properly investigate the objections.
 - b. All standards are minimum standards except as otherwise provided for in the Request or Contract.
 - c. Samples must be submitted to the City of Pawtucket's Purchasing Office in accordance with the terms of the proposals and detailed specifications. Samples must be furnished free of charge and must be accompanied by descriptive memorandum invoices indicating whether or not the bidder desires their return and specifying the address to which they are to be returned (at the bidder's risk and expense), provided they have not been used or made useless by tests; and absent instructions, the samples shall be considered to be abandoned. Award samples may be held for comparison with deliveries.
 - d. All samples submitted are subject to test by any laboratory the City of Pawtucket's Purchasing Agent may designate.
17. **PRODUCT ACCEPTANCE**
All merchandise offered or otherwise provided shall be new, of prime manufacture, and of first quality unless otherwise specified by the City of Pawtucket. The City of Pawtucket reserves the right to reject all nonconforming goods, and to cause their return for credit or replacement, at the City of Pawtucket's option. Contract deliverables specified for procurements of services shall be construed to be work products, and subject to the provisions of this section.
- a. Failure by the City of Pawtucket to discover latent defect(s) or concealed damage or non-conformance shall not foreclose the City of Pawtucket's right to subsequently reject the goods in question.
 - b. Formal or informal acceptance by the City of Pawtucket of non-conforming goods shall not constitute a precedent for successive receipts or procurements.
 - c. Where the contractor fails to promptly cure the defect or replace the goods, the City of Pawtucket reserves the right to cancel the Purchase Order, contract with a different contractor, and to invoice the original contractor for any differential in price over the original contract price.
 - d. When materials, equipment or supplies are rejected, the same must be removed by the contractor from the premises of the City of Pawtucket within forty-eight (48) hours of notification. Rejected items left longer than two days will be regarded as abandoned and the City of Pawtucket shall have the right to dispose of them as its own property.
18. **PRODUCT WARRANTIES**
All product or service warranties normally offered by the contractor or bidder shall accrue to the City of Pawtucket's benefit, in addition to any special requirements which may be imposed by the City of Pawtucket. Every unit delivered must be guaranteed against faulty material and

workmanship for a period of one year unless otherwise specified, and the City of Pawtucket may, in the event of failure, order its replacement, repair, or return for full credit, at its sole option.

19. **PAYMENT**

Unless otherwise provided for by the Request or Contract, payment shall not be made until delivery has been made, or services performed, in full, and accepted. Payment shall not be due prior to thirty (30) working days following the latest of completion, acceptance, or the rendering of a properly submitted invoice.

- a. Payment terms other than the foregoing may be rejected as being nonresponsive.
- b. No partial shipments, or partial completion will be accepted, unless provided for by the Request or Contract.
- c. Where a question of quality is involved, or failure to complete a project by the specified due date, payment in whole or part against which to charge back any adjustment required, shall be withheld at the direction of the City of Pawtucket Purchasing Agent. In the event a cash discount is stipulated, the withholding of payments, as herein described, will not deprive the City of Pawtucket from taking such discount.
- d. Payments for used portion of inferior delivery or late delivery will be made by the City of Pawtucket on an adjusted price basis.
- e. Payments on contracts under architectural or engineering supervision must be accompanied by a Certificate of Payment and Statement of Account signed by the architect or engineer and submitted to the City of Pawtucket Purchasing Office for approval.

20. **THIRD PARTY PAYMENTS**

The City of Pawtucket recognizes no assigned or collateral rights to any purchase agreement except as may be expressly provided for in the bid or contract documents, and will not accede to any request for third party or joint payment(s), except as provided for in specific orders by a court of competent jurisdiction, or by express written permission of the City of Pawtucket's Purchasing Agent. Where an offer is contingent upon such payment(s), the offeror is obligated to serve affirmative notice in his bid submission.

21. **SET-OFF AGAINST PAYMENTS**

Payments due the contractor may be subject to reduction equal to the amount of unpaid and delinquent state taxes (or other just debt owed to the State), except where notice of delinquency has not been served or while the matter is pending in hearing or from any appeal therefrom.

22. **CLAIMS**

Any claim against a contractor may be deducted by the City of Pawtucket from any money due him in the same or other transactions. If no deduction is made in such fashion, the contractor shall pay the City of Pawtucket the amount of such claim on demand. Submission of a voucher and payment, thereof, by the City of Pawtucket shall not preclude the City of Pawtucket's Purchasing Agent from demanding a price adjustment in any case when the commodity delivered is later found to deviate from the specifications and proposal.

- a. The City of Pawtucket's Purchasing Agent may assess dollar damages against a vendor or contractor determined to be non-performing or otherwise in default of their contractual obligations equal to the cost of remedy incurred by the City of Pawtucket, and make payment of such damages a condition for consideration for any subsequent award. Failure by the vendor or contractor to pay such damages shall constitute just cause for disqualification and rejection, suspension, or debarment.

23. **CERTIFICATION OF FUNDING**

The Director of Finance shall provide certification as to the availability of funds to support the procurement for the current fiscal year ending June 30th only. Where delivery or service requirements extend beyond the end of the current fiscal year, such extensions are subject to both the availability of appropriated funds and a determination of continued need.

24. **UNUSED BALANCES**

Unless otherwise specified, all unused Blanket Order quantities and/or unexpended funds shall be automatically canceled on the expiration of the specified term. Similarly, for orders encompassing

more than one fiscal year, unexpended balances of funding allotted for an individual fiscal year may be liquidated at the close of that fiscal year, at the City of Pawtucket's sole option.

25. **MINORITY BUSINESS ENTERPRISES**

Pursuant to the provisions of Title 37 Chapter 14.1 of the General Laws, the City of Pawtucket reserves the right to apply additional consideration to offers, and to direct awards to bidders other than the responsive bid representing the lowest price where:

- a. the offer is fully responsive to the terms and conditions of the Request, and
- b. the price offer is determined to be within a competitive range (not to exceed 5% higher than the lowest responsive price offer) for the product or service, and
- c. the firm making the offer has been certified by the R.I. Department of Economic Development to be a small business concern meeting the criteria established to be considered a Minority Business Enterprise.

26. **PREVAILING WAGE REQUIREMENT**

In accordance with Title 37 Chapter 13 of the General Laws of Rhode Island, payment of the general prevailing rate of per diem wages and the general prevailing rate for regular, overtime and other working conditions existing in the locality for each craft, mechanic, teamster, or type of workman needed to execute this work is a requirement for both contractors and subcontractors for all public works projects.

The rates of pay set forth under this contract, are the minimum to be paid during the life of the Contract. It is therefore, the responsibility of Bidders to inform themselves as to local labor conditions, such as the length of work day and work week, overtime compensation, health and welfare contributions, labor supply and prospective changes or adjustments of rates.

Certified weekly payrolls and statement of compliance forms are required from contractors and subcontractors. Submit on State of Rhode Island Department of Labor and Training forms.

27. **EQUAL OPPORTUNITY COMPLIANCE, HANDICAPPED ACCESS AND AFFIRMATIVE ACTION**

Contractors of the City of Pawtucket are required to demonstrate the same commitment to equal opportunity as prevails under federal contracts controlled by Federal Executive Orders 11246, 11625, 11375 and 11830, and Title 28 Chapter 5.1 of the General Laws of Rhode Island. Affirmative action plans shall be submitted by the contractor for review by the State Equal Opportunity Office. A contractor's failure to abide by the rules, regulations, contract terms and compliance reporting provisions as established shall be grounds for forfeiture and penalties as shall be established, including but not limited to suspension.

28. **DRUG-FREE WORKPLACE REQUIREMENT**

Contractors who do business with the City of Pawtucket and their employees shall abide by the State's drug-free workplace policy and the contractor shall so attest by signing a certificate of compliance.

29. **TAXES**

The City of Pawtucket is exempt from payment of excise, transportation and sales tax imposed by the Federal or State Government. These taxes should not be included in the proposal price. Exemption Certificates will be furnished upon request.

30. **INSURANCE**

All construction contractors, independent tradesmen, or firms providing any type of maintenance, repair, or other type of service to be performed on City of Pawtucket premises, buildings, or grounds are required to purchase and maintain coverage with a company or companies licensed to do business in the state as follows:

- a. Comprehensive General Liability Insurance
Combined Single Limit not less than \$1,000,000 each occurrence for bodily injury and property damage.
 - Independent Contractors;
 - Contractual - including construction hold harmless and other types of contracts or agreements in effect for insured operations;

- Products and Completed Operations;
 - Personal Injury (with employee exclusion deleted)
- b. Automobile Liability Insurance
Combined Single Limit not less than \$1,000,000 each occurrence for bodily Injury and property damage including non-owned and/or hired vehicle coverage.

OR

Bodily Injury, per person, \$500,000/ Bodily Injury, \$1,000,000 per accident/
Property Damage, \$500,000 per accident including non-owned and/or hired vehicle coverage.

- c. Workers' Compensation Insurance
As required by the General Laws of Rhode Island.
- Employers liability \$500,000

The City of Pawtucket shall be named as an additional insured on the vendor's Comprehensive General Liability Policy and Automobile Liability Policy.

The City of Pawtucket's Purchasing Agent reserves the right to consider and accept alternate forms and plans of insurance or to require additional or more extensive coverage for any individual requirement. Successful bidders shall provide certificates of coverage, reflecting the City of Pawtucket as an additional insured, to the City of Pawtucket Purchasing Office, forty-eight (48) hours prior to the commencement of work, as a condition of award. Failure to comply with this provision shall result in rejection of the offeror's bid.

31. BID SURETY

When requested, a bidder must furnish a Bid Bond or Certified Check for 5% of his bid, or for the stated amount shown in the solicitation. Bid Bonds must be executed by a reliable Surety Company authorized to do business in the State of Rhode Island. Failure to provide Bid Surety with bid may be cause for rejection of bid. The Bid Surety of any three bidders in contention will be held until an award has been made according to the specifications of each proposal. All others will be returned by mail within 48 hours following the bid opening. Upon award of a contract, the remaining sureties will be returned by mail unless instructed to do otherwise.

32. PERFORMANCE AND LABOR AND PAYMENT BONDS

A performance bond and labor and payment bond of up to 100% of an award may be required by the City of Pawtucket's Purchasing Agent. Bonds must meet the following requirements:

- a. Corporation: The Bond must be signed by an official of the corporation above his/her official title and the corporate seal must be affixed over his/her signature.
- b. Firm or Partnership: The Bond must be signed by all of the partners and must indicate that they are " Doing Business As (name of firm)."
- c. Individual: The Bond must be signed by the individual owning the business and indicate "Owner."
- d. The Surety Company executing the Bond must be licensed to do business in the State of Rhode Island or Bond must be countersigned by a company so licensed.
- e. The Bond must be signed by an official of the Surety Company and the corporate seal must be affixed over his signature.
- f. Signatures of two witnesses for both the principal and the Surety must appear on the Bond.
- g. A Power of Attorney for the official signing of the Bond for the Surety Company must be submitted with the Bond.

33. SUSPENSION, DEFAULT AND TERMINATION

a. Suspension of a Contract by the City of Pawtucket
The City of Pawtucket reserves the right at any time and for any reason to suspend all or part of this contract, for a reasonable period, not to exceed sixty days, unless the parties agree to a longer period. The City of Pawtucket shall provide the contractor with written notice of the suspension order signed by the Purchasing Agent or his or her designee, which shall set forth the date upon

which the suspension shall take effect, the date of its expiration, and all applicable instructions. Upon receipt of said order, the contractor shall immediately comply with the order and suspend all work under this contract as specified in the order. The contractor shall take all reasonable steps to mitigate costs and adverse impact to the work specified in the contract during the suspension period. Before the order expires, the City of Pawtucket shall either:

1. cancel the suspension order;
2. extend the suspension order for a specified time period not to exceed thirty (30) days; or
3. terminate the contract as provided herein.

The contractor shall resume performance once a suspension order issued under this section is canceled or expires. If as a result of the suspension of performance, there is a financial or schedule impact upon the contract, an appropriate adjustment may be made by, or with the approval of, the City of Pawtucket's Purchasing Agent. Any adjustment shall be set forth in writing. After a suspension order has been canceled or expires, the contractor shall provide any request for adjustment to the City of Pawtucket's Purchasing Agent within thirty (30) days after resuming work performance.

b. Termination of a Contract by the City of Pawtucket

1. Termination for Default or Nonperformance

If, for any reason, the contractor breaches the contract by failing to satisfactorily fulfill or perform any obligations, promises, terms, or conditions, and having been given reasonable notice of and opportunity to cure such default, fails to take satisfactory corrective action within the time specified by the City of Pawtucket, the City of Pawtucket may terminate the contract, in whole or in part, the termination of all outstanding contracts or sub-contracts held by the contractor, and the suspension or debarment of the contractor from future procurements by giving written notice to the contractor specifying the date for termination. The City of Pawtucket shall endeavor to provide such notice at least seven (7) calendar days before the effective date of the termination.

A contractor who fails to commence within the time specified or complete an award made for repairs, alterations, construction, or any other service will be considered in default of contract. If contractor consistently fails to deliver quantities or otherwise perform as specified, the City of Pawtucket's Purchasing Agent reserves the right to terminate the contract and contract for completion of the work with another contractor and seek recourse from the defaulting contractor or his surety. In the event of a termination for default or nonperformance, in whole or in part, the City of Pawtucket may procure similar goods or services in a manner and upon terms it deems appropriate, and the contractor shall be liable for the excess costs incurred by the City of Pawtucket as a result of the contractor's default. The contractor, or its surety, agrees to promptly reimburse the City of Pawtucket for the excess costs, but shall have no claim to the difference should the replacement cost be less.

2. Termination Without Cause

The City of Pawtucket may terminate the contract in whole or in part without cause at any time by giving written notice to the contractor of such termination at least thirty (30) days before the effective date of such termination. The notice shall specify the part(s) of the contract being terminated and the effective termination date.

Within thirty (30) days of the effective date of the termination of the contract the contractor shall compile and submit to the City of Pawtucket an accounting of the work performed up to the date of termination. The City of Pawtucket may consider the following claims in determining reasonable compensation owed to the contractor for work performed up to the date of termination:

- a. contract prices for goods or services accepted under the contract;
- b. costs incurred in preparing to perform and performing the terminated portion of the contract; or

- c. any other reasonable costs incurred by the contractor as a result of the termination.

The total sum to be paid to the contractor shall not exceed the total contract price, less any payments previously made to the contractor, the proceeds from any sales of goods or manufacturing materials, and the contract price for work not terminated.

3. Contractor's Obligations in the Event of Termination

If the contract is terminated for any reason, or expires pursuant to its terms, the contractor shall transfer and deliver to the City of Pawtucket in the manner and to the extent directed by the City of Pawtucket:

- a. all finished or unfinished material prepared by the contractor; and
- b. all material, if any, provided to the contractor by the City of Pawtucket.

For the purposes of the contract, "material" shall include, but is not limited to, goods, supplies, parts, tools, machinery, equipment, furniture, fixtures, information, data, reports, summaries, tables, maps, charts, photographs, studies, recommendations, files, audiotapes, videotapes, records, keys, security badges, and documents.

If the contract is terminated for cause, the contractor shall not be relieved of liability to the City of Pawtucket for damages sustained because of any breach by the contractor. In such event, the City of Pawtucket may retain any amounts which may be due and owing to the contractor until such time as the exact amount of damages due the City of Pawtucket from the contractor has been determined by the City of Pawtucket Purchasing Agent. The City of Pawtucket may also set off any damages so determined against the amounts retained.

Upon termination of the contract, the contractor shall stop performance on the date specified, terminate any outstanding orders and subcontracts applicable to the terminated portion of the contract, and shall incur no further commitments or obligations in connection with the terminated performance. The contractor shall settle all liabilities and claims arising out of the termination of subcontracts and order generating from the terminated performance. The City of Pawtucket may direct the contractor to assign the contractor's right, title and interest under terminated orders or subcontracts to the City of Pawtucket or a third party.

Terminations of Purchase Order Contracts or Master Pricing Agreements shall require the signature of the City of Pawtucket Purchasing Agent or his designee. Notice of termination by either party shall be submitted in writing to the other party in accordance with the termination clause of the contract, or where no specific termination clause is included, written notice shall be provided no later than thirty (30) days before the expiration of the contract.

34. INDEMNITY

The contractor guarantees:

- a. To save the City of Pawtucket, its agents and employees, harmless from any liability imposed upon the City of Pawtucket arising from the negligence, either active or passive, of the contractor, as well as for the use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, article or appliance furnished or used in the performance of the contract of which the contractor is not the patentee, assignee or licensee.
- b. To pay for all permits, licenses and fees and give all notices and comply with all laws, ordinances, rules and regulations of the City of Pawtucket and of the State of Rhode Island.
- c. That the equipment offered is standard new equipment, latest model of regular stock product with all parts regularly used with the type of equipment offered; also, that no attachment or part has been substituted or applied contrary to manufacturer's recommendations and standard practice.

35. CONTRACTOR'S OBLIGATIONS

In addition to the specific requirements of the contract, construction and building repair contractors bear the following standard responsibilities:

- a. To furnish adequate protection from damage for all work and to repair damages of any kind, for which he or his workmen are responsible, to the building or equipment, to his own work, or to the work of other contractors;
- b. The contractor, its subcontractor(s) and their employees and/or agents, shall protect and preserve property in the contractor or subcontractor's possessions in which the City of Pawtucket has an interest, and any and all materials provided to the contractor or subcontractor by the City of Pawtucket;
- c. To clear and remove all debris and rubbish resulting from his work from time to time, as directed or required, a completion of the work leave the premises in a neat unobstructed condition, broom clean, and in satisfactory order and repair;
- d. To store equipment, supplies, and material at the site only upon approval by the City of Pawtucket, and at his own risk;
- e. To perform all work so as to cause the least inconvenience to the City of Pawtucket, and with proper consideration for the rights of other contractors and workmen;
- f. To acquaint themselves with conditions to be found at the site, and to assume responsibility for the appropriate dispatching of equipment and supervision of his employees during the conduct of the work;
- g. To ensure that his employees are instructed with respect to special regulations, policies, and procedures in effect for any City of Pawtucket facility or site, and that they comply with such rules, including but not limited to security policies or practices and/or criminal background checks for any employees and/or subcontractors;
- h. The contractor shall ensure that its employees or agents are experienced and fully qualified to engage in the activities and services required under the contract;
- i. The contractor shall ensure that at all times while services are being performed under this contract at least one of its employees or agents on the premises has a good command of the English language and can effectively communicate with the City of Pawtucket and its staff;
- j. The contractor and contractor's employees or agents shall comply with all applicable licensing and operating requirements required by federal or state law and shall meet accreditation and other generally accepted standards of quality in the applicable field of activity;
- k. The contractor shall secure and retain all employee-related insurance coverage for its employees and agents as required by law; and
- l. The contractor, subcontractor, and his or her employees and agents shall not disclose any confidential information of the City of Pawtucket to a third party. Confidential information means:
 - (1) any information of a sensitive or proprietary nature, whether or not specially identified as confidential or proprietary; or
 - (2) any information about the City of Pawtucket gained during the performance of a contract that is not already lawfully in the public domain.

36. FORCE MAJEURE

All orders shall be filled by the contractor with reasonable promptness, but the contractor shall not be held responsible for any losses resulting if the fulfillment of the terms of the contract shall be delayed or prevented by wars, acts of public enemies, strikes, fires, floods, acts of God, or for any other acts not within the control of the contractor and which by the exercise of reasonable diligence, the contractor is unable to prevent.

Appendix C

General Wage Rate Decision Davis Bacon

The current wage determination (Heavy Construction, Providence County), as obtained from the Rhode Island Department of Labor and Training on today's date, is bound as part of this Project Manual.

Wage Decision Obtained on 3/7/2024 from SAM.gov

"General Decision Number: RI20240005 01/25/2024

Superseded General Decision Number: RI20230005

State: Rhode Island

Construction Types: Building, Heavy (Heavy and Marine) and Highway

BID# 24-032

"General Decision Number: RI20240005 01/05/2024

Superseded General Decision Number: RI20230005

State: Rhode Island

Construction Type: Heavy Dredging

Counties: Rhode Island Statewide.

ALL DREDGING (except self propelled hopper dredging) on the Atlantic Coast and tributary waters emptying into the Atlantic Ocean

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	<ul style="list-style-type: none"> . Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	<ul style="list-style-type: none"> . Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number
0

Publication Date
01/05/2024

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BID# 24-032

ENGI0025-001 10/01/2023

STATEWIDE

	Rates	Fringes
Dredging:		
CLASS A1.....	\$ 45.26	15.17+a+b
CLASS A2.....	\$ 40.33	14.82+a+b
CLASS B1.....	\$ 39.14	14.74+a+b
CLASS B2.....	\$ 36.84	14.58+a+b
CLASS C1.....	\$ 35.83	14.26+a+b
CLASS C2.....	\$ 34.68	14.18+a+b
CLASS D.....	\$ 28.81	13.77+a+b

CLASSIFICATIONS:

CLASS A1: Deck Captain; Mechanical Dredge Operator, Leverman, Licensed Tug Operator over 1000 HP.

CLASS A2: Crane Operator (360 swing).

CLASS B1: Derrick Operator (180 swing), Spider/Spill Barge Operator, Engineer, Electrician, Chief Welder, Chief Mate, Fill Placer, Operator II, Maintenance Engineer, Licensed Boat Operator, Licensed Crew Boat Operator.

CLASS B2: Certified Welder.

CLASS C1: Mate, Drag Barge Operator, Assistant Fill Placer, Welder, Steward.

CLASS C2: Boat Operator.

CLASS D: Oiler, Deckhand, Shoreman, Rodman, Scowman, Cook, Messman, Porter/Janitor.

INCENTIVE PAY: (Add to Hourly Rate)

Operator (NCCCO License/Certification) \$1.80 Licensed Tug Operator over 1000 HP (Assigned as Master) (USCG licensed Master of Towing Vessels (MOTV) \$1.80; Licensed Boat Operator (Assigned as lead boat captain) USCG licensed boat operator \$1.30; Engineer (QMED and Tankerman endorsement or licensed engineer (USCG) \$1.80 Oiler (QMED and Tankerman endorsement (USCG) \$1.80; All classifications (Tankerman endorsement only) USCG \$1.55; Deckhand or Mate (AB with Lifeboatman endorsement (USCG) \$1.80; All classifications (lifeboatman endorsement only (USCG) \$1.55; Welder (ABS certification) \$1.55

FOOTNOTES APPLICABLE TO ABOVE CRAFTS:

- a. PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr.'s Birthday, Memorial Day, Good Friday, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day
- b. VACATION: Eight percent (8%) of the straight time rate, multiplied by the total hours worked.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year.

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Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at

<https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion

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date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

----- WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the
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interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

“END OF GENERAL DECISION”

Appendix D

Federal Labor Standards Provisions – Form HUD 4010

**HUD-4010
Federal Labor Standards Provisions**

**U.S. Department of Housing and Urban Development
Office of Davis-Bacon and Labor Standards**

A. APPLICABILITY

The Project or Program to which the construction work covered by this Contract pertains is being assisted by the United States of America, and the following Federal Labor Standards Provisions are included in this Contract pursuant to the provisions applicable to such Federal assistance.

(1) MINIMUM WAGES

- (i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment, computed at rates not less than those contained in the wage determination of the Secretary of Labor (which is attached hereto and made a part hereof), regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under Section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of 29 CFR 5.5(a)(1)(iv); also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period.

Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under 29 CFR 5.5(a)(1)(ii) and the Davis-Bacon poster (WH1321)) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place, where it can be easily seen by the workers.

(ii) Additional Classifications.

- (A) Any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. HUD shall approve an additional classification and wage rate and fringe benefits therefor only when the following criteria have been met:
 - (1) The work to be performed by the classification requested is not performed by a classification in the wage determination;
 - (2) The classification is utilized in the area by the construction industry; and
 - (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (B) If the contractor, the laborers and mechanics to be employed in the classification (if known), or their representatives, and HUD or its designee agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), a report of the action taken shall be sent by HUD or its designee to the Administrator of the Wage and Hour Division ("Administrator"), Employment Standards Administration, U.S. Department of Labor, Washington, D.C. 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget ("OMB") under OMB control number 1235-0023.)
- (C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, or HUD or its designee do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), HUD or its designee shall refer the questions, including the views of all interested parties and the recommendation of HUD or its designee, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB Control Number 1235-0023.)

- (D) The wage rate (including fringe benefits, where appropriate) determined pursuant to subparagraphs (1)(ii)(B) or (C) of this paragraph, shall be paid to all workers performing work in the classification under this Contract from the first day on which work is performed in the classification.
- (iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.
- (iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, that the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program. (Approved by the Office of Management and Budget under OMB Control Number 1235-0023.)
- (2) **Withholding.** HUD or its designee shall, upon its own action or upon written request of an authorized representative of the U.S. Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee or helper, employed or working on the site of the work, all or part of the wages required by the contract, HUD or its designee may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased. HUD or its designee may, after written notice to the contractor, disburse such amounts withheld for and on account of the contractor or subcontractor to the respective employees to whom they are due. The U.S. Department of Labor shall make such disbursements in the case of direct Davis-Bacon Act contracts.
- (3) **Payrolls and basic records.**
- (i) **Maintaining Payroll Records.** Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification(s), hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in Section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made, and actual wages paid.
- Whenever the Secretary of Labor has found, under 29 CFR 5.5(a)(1)(iv), that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits.
- Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs. (Approved by the Office of Management and Budget under OMB Control Numbers 1235-0023 and 1215-0018)
- (ii) **Certified Payroll Reports.**
- (A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to HUD or its designee if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant sponsor, or owner, as the case may be, for transmission to HUD or its designee. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead, the payrolls only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <https://www.dol.gov/agencies/whd/forms> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors.

Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to HUD or its designee if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant sponsor, or owner, as the case may be, for transmission to HUD or its designee, the contractor, or the Wage and Hour Division of the U.S. Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this subparagraph for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to HUD or its designee. (Approved by the Office of Management and Budget under OMB Control Number 1235-0008.)

- (B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:
 - (1) That the payroll for the payroll period contains the information required to be provided under 29 CFR 5.5(a)(3)(ii), the appropriate information is being maintained under 29 CFR 5.5(a)(3)(i), and that such information is correct and complete;
 - (2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in 29 CFR Part 3;
 - (3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract; and
- (C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by subparagraph (a)(3)(ii)(b).
- (D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 3729 of Title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under subparagraph (a)(3)(i) available for inspection, copying, or transcription by authorized representatives of HUD or its designee or the U.S. Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, HUD or its designee may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and Trainees.

- (i) **Apprentices.** Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency (where appropriate), to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program.

If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringe benefits shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (ii) **Trainees.** Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed, unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (iii) **Equal employment opportunity.** The utilization of apprentices, trainees, and journeymen under 29 CFR Part 5 shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

- (5) **Compliance with Copeland Act requirements.** The contractor shall comply with the requirements of 29 CFR Part 3, which are incorporated by reference in this Contract.
- (6) **Subcontracts.** The contractor or subcontractor will insert in any subcontracts the clauses contained in subparagraphs (1) through (11) in this paragraph (a) and such other clauses as HUD or its designee may, by appropriate instructions, require, and a copy of the applicable prevailing wage decision, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this paragraph.
- (7) **Contract termination; debarment.** A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.
- (8) **Compliance with Davis-Bacon and Related Act Requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this Contract.
- (9) **Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this Contract shall not be subject to the general disputes clause of this Contract. Such disputes shall be resolved in accordance with the procedures of the U.S. Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and HUD or its designee, the U.S. Department of Labor, or the employees or their representatives.
- (10) **Certification of Eligibility.**
 - (i) By entering into this Contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(ii) No part of this Contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(iii) Anyone who knowingly makes, presents, or submits a false, fictitious, or fraudulent statement, representation or certification is subject to criminal, civil and/or administrative sanctions, including fines, penalties, and imprisonment (e.g., 18 U.S.C. §§ 287, 1001, 1010, 1012; 31 U.S.C. §§ 3729, 3802.

(11) Complaints, Proceedings, or Testimony by Employees. No laborer or mechanic, to whom the wage, salary, or other labor standards provisions of this Contract are applicable, shall be discharged or in any other manner discriminated against by the contractor or any subcontractor because such employee has filed any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable under this Contract to his employer.

B. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The provisions of this paragraph (b) are applicable where the amount of the prime contract exceeds **\$100,000**. As used in this paragraph, the terms "laborers" and "mechanics" include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work, which may require or involve the employment of laborers or mechanics, shall require or permit any such laborer or mechanic in any workweek in which the individual is employed on such work to work in excess of 40 hours in such workweek, unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of 40 hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in subparagraph B(1) of this paragraph, the contractor, and any subcontractor responsible therefor, shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory) for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in subparagraph B(1) of this paragraph, **in the sum set by the U.S. Department of Labor at 29 CFR 5.5(b)(2)** for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of 40 hours without payment of the overtime wages required by the clause set forth in subparagraph B(1) of this paragraph. In accordance with the Federal Civil Penalties Inflation Adjustment Act of 1990 (28 U.S.C. § 2461 Note), the DOL adjusts this civil monetary penalty for inflation no later than January 15 each year.

(3) Withholding for unpaid wages and liquidated damages. HUD or its designee shall, upon its own action or upon written request of an authorized representative of the U.S. Department of Labor, withhold or cause to be withheld from any moneys payable on account of work performed by the contractor or subcontractor under any such contract, or any other Federal contract with the same prime contract, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages, as provided in the clause set forth in subparagraph B(2) of this paragraph.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in subparagraph B(1) through (4) of this paragraph and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in subparagraphs B(1) through (4) of this paragraph.

C. HEALTH AND SAFETY

The provisions of this paragraph (c) are applicable where the amount of the prime contract exceeds **\$100,000**.

(1) No laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his or her health and safety, as determined under construction safety and health standards promulgated by the Secretary of Labor by regulation.

(2) The contractor shall comply with all regulations issued by the Secretary of Labor pursuant to 29 CFR Part 1926 and failure to comply may result in imposition of sanctions pursuant to the Contract Work Hours and Safety Standards Act, (Public Law 91-54, 83 Stat 96), 40 U.S.C. § 3701 et seq.

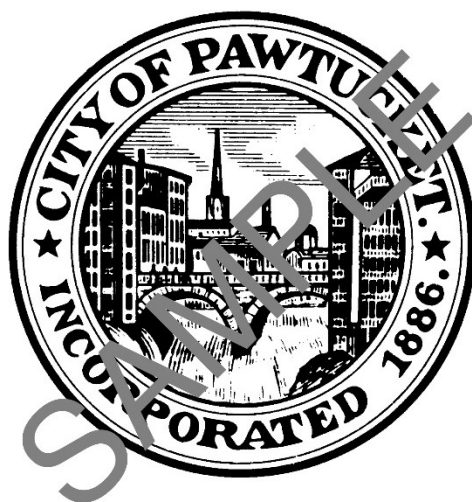
(3) The contractor shall include the provisions of this paragraph in every subcontract, so that such provisions will be binding on each subcontractor. The contractor shall take such action with respect to any subcontractor as the Secretary of Housing and Urban Development or the Secretary of Labor shall direct as a means of enforcing such provisions.

Appendix E

City of Pawtucket Standard Form of Agreement (Sample)

**CONTRACT AGREEMENT
FOR:**

PROJECT_TITLE



PAWTUCKET, RHODE ISLAND

PURCHASING DIVISION
137 ROOSEVELT AVE.
PAWTUCKET, RHODE ISLAND

MM/DD/YYYY

CONTRACT AGREEMENT

PROJECT_TITLE

Pawtucket, Rhode Island

1. AGREEMENT FOR SERVICES

This Agreement for Services (hereinafter the "Agreement" or "Contract") made this ##th day of ####, 2015 between the City of Pawtucket, a municipal corporation of the State of Rhode Island, with a business address of 137 Roosevelt Avenue, Pawtucket, Rhode Island (hereinafter the "City") and VENDOR, a company authorized to do business in the State of Rhode Island, with a business address of ##### (hereinafter the "Consultant").

2. SCOPE OF CONSULTANT SERVICES

This is a contract to provide the City with consulting services as specified herein and as set forth in the following Exhibits, all of which are attached hereto and incorporated into this Agreement by reference herein:

- Exhibit 1 – RFP #####;
- Exhibit 2 – Rhode Island Department of Labor and Training Municipal Contract Addendum;

and all addenda issued and any resulting negotiations, and the RFP response received by the City from the Consultant.

3. COMPENSATION FOR SERVICES

The City shall pay the Consultant in the following sums for work performed under this Agreement after the effective date as set out below:

\$#####

The payment and performance of any obligations under this contract for years beyond the first fiscal year are subject to the availability of funds. Payment will not be made until services have been fully performed and accepted, and upon a properly submitted invoice. All invoices must clearly display the purchase order number.

4. RHODE ISLAND LAW AND FORUM

(a) This Agreement shall be construed according to the law of the State of Rhode Island.

(b) Any litigation between the City and the Consultant arising under this Agreement or out of work performed under this Agreement shall occur, if in the state courts, in the Providence County Superior Court, and in the federal courts, in the United States District Court for the District of Rhode Island.

5. NOTICE

Any notice provided for under this Agreement shall be sufficient if in writing and delivered personally to the following addressee or deposited in the United States mail, postage prepaid, certified mail, return receipt requested, addressed as follows, or to such other address as the receiving party hereafter shall specify in writing:

If to the City:

Andrew Silvia, PE, Chief of Project Development
250 Armistice Boulevard
Pawtucket, RI 02860

If to the Consultant:

#####

6. COMPLIANCE WITH LAWS

Consultant shall materially comply with any and all Federal, state and local laws and regulations now in force and which may hereafter during the term of this contract, be enacted and become effected which are applicable, as well as obtaining any and all required permits and licenses.

7. TIMEFRAME TO COMPLETE

The Consultant shall complete the consulting services located in the City of Pawtucket, Rhode Island no later than #####.

8. WAIVERS

No waiver of any breach or any one or more of the conditions or covenants of this Contract by City or Consultant shall be deemed to imply or to constitute a waiver of any prior or succeeding breach; and the failure of City or Consultant to insist upon the strict performance of the terms, covenants, agreements and conditions herein contained or any one of them shall not constitute or be construed as a waiver or relinquishment of City's or Consultant's right to thereafter enforce any such default, or any term, covenants, agreement or condition.

CONSULTANT (VENDOR)

WITNESS

Subscribed and sworn to before me in the _____
on this _____ day of _____, 2015.

NOTARY PUBLIC
My Commission Expires:

CITY OF PAWTUCKET

WITNESS

Subscribed and sworn to before me in the _____
on this _____ day of _____, 2015.

NOTARY PUBLIC
My Commission Expires:

EXHIBIT 1:

RFP #####

SAMPLE

EXHIBIT 2:
RHODE ISLAND DLT MUNICIPAL CONTRACT ADDENDUM

SAMPLE

MUNICIPAL CONTRACT ADDENDUM
RHODE ISLAND DEPARTMENT OF LABOR AND TRAINING
PREVAILING WAGE REQUIREMENTS
(37-13-1 ET SEQ.)

The prevailing wage requirements are generally set forth in RIGL 37-13-1 et seq. These requirements refer to the prevailing rate of pay for regular, holiday, and overtime wages to be paid to each craftsmen, mechanic, teamster, laborer, or other type of worker performing work on public works projects when state or municipal funds exceed one thousand dollars (\$1,000).

All Prevailing Wage Contractors and Subcontractors are required to:

1. Submit to the Awarding Authority a list of the contractor's subcontractors for any part or all of the prevailing wage work in accordance with RIGL § 37-13-4;
2. Pay all prevailing wage employees at least once per week and in accordance with RIGL §37-13-7 (see Appendix B attached);
3. Post the prevailing wage rate scale and the Department of Labor and Training's prevailing wage poster in a prominent and easily accessible place on the work site in accordance with RIGL §37-13-11; posters may be downloaded at www.dlt.ri.gov/pw/Posters.htm or obtained from the Department of Labor and Training, Center General Complex, 1511 Pontiac Avenue, Cranston, Rhode Island;
4. Access the Department of Labor and Training website, at www.dlt.ri.gov on or before July 1st of each year, until such time as the contract is completed, to ascertain the current prevailing wage rates and the amount of payment or contributions for each covered prevailing wage employee and make any necessary adjustments to the covered employee's prevailing wage rates effective July 1st of each year in compliance with RIGL §37-13-8;
5. Attach a copy of this CONTRACT ADDENDUM and its attachments as a binding obligation to any and all contracts between the contractor and any subcontractors and their assignees for prevailing wage work performed pursuant to this contract;
6. Provide for the payment of overtime for prevailing wage employees who work in excess of eight (8) hours in any one day or forty (40) hours in any one week as provided by RIGL §37-13-10;

7. Maintain accurate prevailing wage employee payroll records on a Rhode Island Certified Weekly Payroll form available for download at www.dlt.ri.gov/pw.forms/htm, as required by RIGL §37-13-13, and make those records available to the Department of Labor and Training upon request;
8. Furnish the fully executed RI Certified Weekly Payroll Form to the awarding authority on a monthly basis for all work completed in the preceding month.
9. For general or primary contracts one million dollars (\$1,000,000) or more, shall maintain on the work site a fully executed RI Certified Prevailing Wage Daily Log listing the contractor's employees employed each day on the public works site; the RI Certified Prevailing Wage Daily Log shall be available for inspection on the public works site at all times; this rule shall not apply to road, highway, or bridge public works projects. Where applicable, furnish both the Rhode Island Certified Prevailing Wage Daily Log together with the Rhode Island Weekly Certified Payroll to the awarding authority.
10. Assure that all covered prevailing wage employees on construction projects with a total project cost of one hundred thousand dollars (\$100,000) or more has a OSHA ten (10) hour construction safety certification in compliance with RIGL § 37-23-1;
11. Assure that all prevailing wage employees who perform work which requires a Rhode Island trade license possess the appropriate Rhode Island trade license in compliance with Rhode Island laws and
12. Comply with all applicable provisions of RIGL §37-13-1, et. seq;

Any questions or concerns regarding this CONTRACT ADDENDUM should be addressed to the contractor or subcontractor's attorney. Additional Prevailing Wage information may be obtained from the Department of Labor and Training at www.dlt.ri.gov/pw.

CERTIFICATION

I hereby certify that I have reviewed this CONTRACT ADDENDUM and understand my obligations as stated above.

By: _____

Title: _____

Subscribed and sworn before me this ____ day of _____, 20__.

Notary Public
My commission expires: _____

SAMPLE

Appendix F

Rhode Island General Laws

Title 37

Public Property and Works

Chapter 13

Labor and Payment of Debts by Contractors

R.I. Gen. Laws § 37-13-5

§ 37-13-5. Payment for trucking or materials furnished — Withholding of sums due.

A contractor or subcontractor on public works authorized by a proper authority shall pay any obligation or charge for trucking and material which have been furnished for the use of the contractor or subcontractor, in connection with the public works being performed by him or her, within ninety (90) days after the obligation or charge is incurred or the trucking service has been performed or the material has been delivered to the site of the work, whichever is later. When it is brought to the notice of the proper authority in a city or town, or the proper authority in the state having supervision of the contract, that the obligation or charge has not been paid by the contractor or subcontractor, the proper authority may deduct and hold for a period not exceeding sixty (60) days, from sums of money due to the contractor or subcontractor, the equivalent amount of such sums certified by a trucker or materialman creditor as due him or her, as provided in this section, and which the proper authority determines is reasonable for trucking performed or materials furnished for the public works.

History of Section.

P.L. 1936, ch. 2361, §§ 2, 3; G.L. 1938, ch. 290, §§ 2, 3; G.L. 1938, ch. 290, § 4; P.L. 1955, ch. 3580, § 1; G.L. 1956, § 37-13-5; P.L. 1965, ch. 77, § 1.

Title 37

Public Property and Works

Chapter 13

Labor and Payment of Debts by Contractors

R.I. Gen. Laws § 37-13-7

§ 37-13-7. Specification in contract of amount and frequency of payment of wages.

(a) Every call for bids for every contract in excess of one thousand dollars (\$1,000), to which the state of Rhode Island or any political subdivision thereof or any public agency or quasi-public agency is a party, for the transportation of public and private school pupils pursuant to §§ 16-21-1 and 16-21.1-8, or for construction, alteration, and/or repair, including painting and decorating, of public buildings or public works of the state of Rhode Island or any political subdivision thereof, or any public agency or quasi-public agency and that requires or involves the employment of employees, shall contain a provision stating the minimum wages to be paid various types of employees which shall be based upon the wages that will be determined by the director of labor and training to be prevailing for the corresponding types of employees employed on projects of a character similar to the contract work in the city, town, village, or other appropriate political subdivision of the state of Rhode Island in which the work is to be performed. Every contract shall contain a stipulation that the contractor or his or her subcontractor shall pay all the employees employed directly upon the site of the work, unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account, the full amounts accrued at time of payment computed at wage rates not less than those stated in the call for bids, regardless of any contractual relationships that may be alleged to exist between the contractor or subcontractor and the employees, and that the scale of wages to be paid shall be posted by the contractor in a prominent and easily accessible place at the site of the work; and the further stipulation that there may be withheld from the contractor so much of the accrued payments as may be considered necessary to pay to the employees employed by the contractor, or any subcontractor on the work, the difference between the rates of wages required by the contract to be paid the employees on the work and the rates of wages received by the employees and not refunded to the contractor, subcontractors, or their agents.

(b) The terms "wages," "scale of wages," "wage rates," "minimum wages," and "prevailing wages" shall include:

(1) The basic hourly rate of pay; and

(2) The amount of:

(i) The rate of contribution made by a contractor or subcontractor to a trustee or to a third person pursuant to a fund, plan, or program; and

(ii) The rate of costs to the contractor, subcontractor, vendor, or provider that may be reasonably anticipated in providing benefits to employees pursuant to an enforceable commitment to carry out a financially responsible plan or program that was communicated in writing to the employees affected, for medical or hospital care, pensions on retirement or death, compensation for injuries or illness resulting from occupational activity, or insurance to provide any of the foregoing, for unemployment benefits, life insurance, disability and sickness insurance, or accident insurance, for vacation and holiday pay, for defraying costs of apprenticeship or other similar programs, or for other bona fide fringe benefits, but only where the contractor or subcontractor is not required by other federal, state, or local law to provide any of the benefits; provided, that the obligation of a

contractor or subcontractor to make payment in accordance with the prevailing wage determinations of the director of labor and training insofar as this chapter of this title and other acts incorporating this chapter of this title by reference are concerned may be discharged by the making of payments in cash, by the making of contributions of a type referred to in subsection (b)(2), or by the assumption of an enforceable commitment to bear the costs of a plan or program of a type referred to in this subdivision, or any combination thereof, where the aggregate of any payments, contributions, and costs is not less than the rate of pay described in subsection (b)(1) plus the amount referred to in subsection (b)(2).

(c) The term "employees," as used in this section, shall include:

(1) Employees of contractors or subcontractors performing jobs on various types of public works including mechanics, apprentices, teamsters, chauffeurs, and laborers engaged in the transportation of gravel or fill to the site of public works, the removal and/or delivery of gravel or fill or ready-mix concrete, sand, bituminous stone, or asphalt flowable fill from the site of public works, or the transportation or removal of gravel or fill from one location to another on the site of public works, and the employment of the employees shall be subject to the provisions of subsections (a) and (b); and

(2) Persons employed by a provider contracted for the purpose of transporting public and private school pupils pursuant to §§ 16-21-1 and 16-21.1-8 shall be subject to the provisions of subsections (a) and (b) of this section. For the purposes of this subsection the term employee includes school bus drivers, aides, and monitors who are directly providing transportation services; the term employee does not include mechanics, dispatchers, or other personnel employed by the vendor whose duties are normally performed at a fixed location.

(d) The terms "public agency" and "quasi-public agency" shall include, but not be limited to: the Rhode Island industrial recreational building authority, the Rhode Island commerce corporation, the Rhode Island airport corporation, the Rhode Island industrial facilities corporation, the Rhode Island refunding bond authority, the Rhode Island housing and mortgage finance corporation, the Rhode Island resource recovery corporation, the Rhode Island public transit authority, the Rhode Island student loan authority, the water resources board corporate, the Rhode Island health and education building corporation, the Rhode Island turnpike and bridge authority, the Narragansett Bay water quality management district commission, the Rhode Island telecommunications authority, the convention center authority, the council on postsecondary education, the council on elementary and secondary education, the capital center commission, the housing resources commission, the Quonset Point-Davisville management corporation, the Rhode Island children's crusade for higher education, the Rhode Island depositors economic protection corporation, the Rhode Island lottery commission, the Rhode Island partnership for science and technology, the Rhode Island public building authority, and the Rhode Island underground storage tank board.

History of Section.

P.L. 1974, ch. 237, § 3; P.L. 1976, ch. 193, § 1; P.L. 1999, ch. 75, § 1; P.L. 2001, ch. 321, § 1; P.L. 2015, ch. 141, art. 7, § 16; P.L. 2021, ch. 292, § 3, effective July 9, 2021; P.L. 2021, ch. 293, § 3, effective July 9, 2021.

Appendix G

Specifications Issued for Bid

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**SECTION 100.9901
GENERAL**

All Work shall be in accordance with these Specifications and the Rhode Island Department of Transportation, Standard Specifications for Road and Bridge Construction, including latest revisions, addenda and compilations and shall be referenced by these specifications as the “Standard Specification” or “Specifications”. If two details or specifications are similar, the City detail shall take precedence unless directed otherwise by the City.

In various places of the specifications and bid package, the words “State”, “Department” “Owner”, and “Engineer” are intended to mean the “City of Pawtucket” or its assigned representative.

The City of Pawtucket (City) will be providing construction project administration and will be in charge of the work and will make all decisions in its own behalf. A representative of the City may be present during the work and will inspect this project at completion. The Contractor shall conform to all requirements of the Department of Public Works.

For the work, any field engineering or survey layout, etc. is the responsibility of the Contractor. The Contractor shall be responsible to verify if basement vaults extend under the sidewalk to be repaired or installed. Any damage to underground basement vaults shall be repaired by the Contractor at no additional expense to the City.

The Contractor shall avoid damage as a result of their operations to existing sidewalks, streets, curbs, pavements, utilities, adjoining property, trees etc. and shall at his own expense completely repair any damage thereto caused by his operations. Restoration of damaged trees will be determined by the City Forester and may include monetary damages and/or replacement of affected trees.

All traffic control, including cones, barrels, barricades, temporary traffic control signs and detour signs shall be considered incidental to the work, with no additional payment by the City. Work zones must be signed in accordance with the Manual on Uniform Traffic Control Devices.

The Contractor shall provide notice to abutters at least 24 hours before sidewalk or driveway work will be performed. When installing cement concrete driveways, the Contractor shall provide at least 48 hours’ notice that the driveway will be inaccessible while grading, forming, pouring and curing. The notices shall state the Contractor’s name, a statement that the Contractor is working for the Pawtucket Department of Public Works, a contact name and phone number for the contractor and the date and time that the driveway will be accessible. The Contractor shall remove all warning tape and stakes when the driveway is accessible.

The Contractor shall also coordinate with the DPW when residents are displaced during a driveway pour. The Parking Administrator will coordinate with the Pawtucket Police Department to allow for overnight street parking.

INCIDENTAL ITEMS. THE FOLLOWING ITEMS SHALL BE CONSIDERED INCIDENTAL TO ALL RELEVANT WORK ITEMS:

1. Catch Basin Inlet Protection
2. Maintenance and Cleaning of Erosion and Pollution Controls
3. Sawcutting for remove and reset curb and remove and dispose sidewalks
4. Trimming and Fine Grading Asphalt Emulsion Tack Coat Street Sweeping
5. Class A Concrete Curb Lock
6. Traffic Control (temporary traffic control signs, barrels, cones, barricades, flaggers, etc., site protection)

END OF SECTION

SECTION 100.9902
SCHEDULE OF SALARIES AND WAGES

The rates of payment of wages, obligations and charges for labor by the contractor shall be not less than those shown on the current schedule of customary and prevailing rates of wages supplied by the United States Department of Labor, in accordance with R.I. General Laws Sec. 37-13-1 et seq. As amended).

Current wage rates may be obtained at the following website:

<https://www.wdol.gov/dba.aspx>

END SECTION

SECTION 105.9901 CONTROL OF WORK

In addition to the requirements of the Standard Specifications, the Contractor shall conform to the following:

105.11 INSPECTION FOR PARTIAL ACCEPTANCE

Contractor shall notify the Engineer 48-hours prior to placing finish concrete in sidewalk and curb ramp areas to allow for an inspection of concrete forms to ensure compliance with required grades and dimensions.

If Contractor fails to notify Engineer prior to pouring concrete, the Engineer reserves the right to determine the work to be unacceptable and require its removal and disposal at the Contractor's expense.

105.12 GENERAL SEQUENCE OF WORK

Sequence and scheduling of the Work shall be submitted by the Contractor to the City. The City reserves the right to indicate the sequence of work prior to construction.

105.13 SPECIFIC SEQUENCES OF WORK

In areas where both Roadway and Sidewalk work are to be constructed, the curbing and sidewalk work is to be constructed prior to final paving of adjacent roadways.

In areas where the Roadway is to be cold planed or patched, the Roadway is to be resurfaced within seven (7) calendar days after the original pavement surface is removed.

In areas where the Sidewalk is to be reconstructed or constructed, the sidewalk is to be in place within seven (7) calendar days after the original sidewalk surface is removed or excavation for the new sidewalk has taken place. Work in sidewalk areas shall be performed on one side of the road at a time, detouring pedestrians to the other side of the street to provide an accessible route for pedestrians. The Contractor shall work on whole blocks at a time to keep the construction zone contained and compressed. The length of the construction zone shall be approved the Engineer before work is started.

Work to install waterborne temporary striping shall occur immediately after paving. Work to install epoxy resin pavement striping shall occur fourteen (14) days after paving. If markings do not begin at this time, this could be cause for suspending resurfacing operations until pavement striping and loop operation is put into effect.

Traffic detector loops shall be installed within 72 hours of disturbance or final paving.

105.14 COORDINATE WITH UTILITY COMPANIES

The Contractor shall notify the affected Utility companies at least fourteen (14) calendar days prior to commencing work in the location of the respective utility.

The purpose of this advanced notification is to allow the utility company ample time to adjust, reconstruct or reset utility features within the influence of the Work of the roadways and sidewalks scheduled for construction.

105.15 COORDINATE WITH LOCAL PUBLIC AGENCY'S MATERIALS AND METHODS TESTING

Concrete, asphalt and soils testing will be tested randomly as determined by the Engineer. The concrete testing will be performed by the Owners selected Testing agency and/or the Engineer. Costs for testing will be borne by the Owner. Concrete and asphalt not meeting the requirements of the specification and/or the approved shop drawings (mix design) will be rejected. The Contractor shall provide the Engineer 48 hour notice for testing materials and methods.

The Contractor shall cooperate with the Local Public Agency's selected testing agency and all others responsible for testing and inspecting the Work.

Authorized representatives performing the testing shall have access to the Work at all times and at all locations where the Work is in progress. The Contractor shall provide facilities for such access to enable the personnel to perform their functions properly.

All specimens and samples for testing, unless otherwise provided in the Contract Documents shall be taken by the testing personnel.

With the exception of some testing to be performed by the Engineer all sampling equipment and personnel will be provided by the testing laboratory.

All deliveries of specimens and samples to the testing laboratory will be performed by the testing laboratory.

Concrete and bituminous mixes will be subject to inspection and testing at the mixing plants and at the locations of installation for compliance with quality requirements.

105.16 SECURITY

The Contractor shall provide security personnel for all work which will otherwise be unattended during cure time or while the site is unattended during non-working hours. All work damaged during this cure time or unattended time shall be removed and reconstructed at the Contractor's expense.

105.17 DISPOSAL OF MATERIAL

The disposal of any excess or unsuitable material including earth, pavement, debris from demolished structures of all types, vegetative matter and any other material either found on the work site or brought to the site by the contractor or subcontractors will be in accordance with all applicable local, State and Federal laws. The following procedures will be encountered during the prosecution of work:

1. Under no circumstances will any material be deposited in a freshwater or coastal wetland or regulated areas. The Contractor must obtain the permission of the Engineer prior to on site disposal of material.

2. The off-site disposal of any material will be allowed only by written permission of the property owner upon whose property the material is to be deposited. The Contractor must furnish a copy of said written permission. The exception to this will be granite curbing. Granite curbing to be salvaged or stockpiled will be coordinated with the Engineer and the Contractor will deliver to the Pawtucket DPW property at 403 Newport Avenue.
3. For all off-site disposal areas, it will be the Contractor's responsibility to obtain the approval of the Department of Environmental Management, the Coastal Resources Management Council, and any other governmental agency as necessary.

The above procedures will be performed by the Contractor at no additional cost to the Agency or City. Under these procedures, the Contractor retains all responsibilities and liabilities under City, State and Federal laws for violations resulting from disposal of material from the project and will defend and hold the Agency and City harmless therefrom.

Removal and disposal of the Asbestos Cement materials shall be according to all current City, State and Federal regulations.

105.18 "DIG SAFE" LAW

The Contractor shall comply with the Rhode Island General Law, Chapter 39-1.2, "Excavation Near Underground Utility Facilities" which became effective on July 1, 1984.

Before commencing with the construction of any work, identify any water main, gas main, telephone duct, electric duct, and/or other utility present which is or could be in conflict with the proposed work.

Relocation of the affected utilities shall be done as directed by the Local Public Agency and in accordance with the requirements of the corresponding utility company.

The attention of the Contractor is directed to the fact that certain utility companies may not fall under the provisions of "DIG SAFE". Individual utility company notifications by the Contractor shall be necessary to ensure proper notification and protection of all existing utilities affected by this Contract. This includes but is not limited to Pawtucket sewer and streetlight assets.

105.19 CONSULTANT

A firm may be hired by the Local Public Agency to provide Inspection Services and the associated Contract Administration for individual portions of the Project and refers to any one or combination of employees of the Consultant such as Project Manager and Inspector.

The Consultant may perform the majority of the duties assigned to the "Engineer" in these Contract Documents.

105.20 PROGRESS MEETINGS

The Engineer will schedule and administer progress meetings and specially called meetings throughout the duration of the Work if deemed necessary by the Engineer.

The time and location of such meetings shall be designated by the Engineer and shall be convenient for all parties involved.

The Engineer will, prepare agenda with copies for participants, preside at meetings, records minutes, and distribute copies to participants, and those affected by decisions made.

105.21 CONTRACTORS WORKING HOURS

Work shall be performed during normal business hours, Monday through Friday, 7:00 AM-5:30PM. Some jobs may require the Contractor to work outside normal business hours. In this event, the Contractor may request to work on Saturdays and Sunday or during the night, only with approval by the City. Such restrictions shall not be the basis for damages or claims against the City.

The Contractor's attention is also directed to the fact that it may be deemed necessary to perform various items of work during off-peak traffic hours, during early morning or late at night. The City will dictate these special conditions prior to awarding work to the Contractor.

The Contractor shall not be entitled to any additional compensation from the City for any expenses including premiums on labor that may be incurred by change of working hours and/or scheduling.

105.22 DRIVEWAY PERMITS

The Contractor shall not begin work on any new driveway until the required driveway permit is in place.

The Contractor will coordinate the schedule of driveway work with the Engineer to allow for the application process and procurement of the required permits. The Local Public Agency will provide and pay for the driveway permits.

105.23 GRASS MOWING STRIPS

See Special Provision 905.9901

105.24 CITY FORESTER

The Contractor shall be required to have all proposed tree work, which includes as a minimum all trimming, root pruning, tree removal, tree planting or tree well work approved by the City Forester.

The Contractor's attention is directed to the requirement that all sidewalks are to be a minimum of 48-inches wide, and the City Forester is to be notified when that minimum width cannot be met due to interference with an existing tree.

The Contractor shall coordinate the scheduling of the City Forester with the Engineer. The Engineer shall be present during the City Forester evaluation and document the outcome.

105.25 ALLOWANCES IN THE BID

Under these Items the Contractor shall be reimbursed for certain charges for the services as stated. The allowance prices established in the Bid are estimated figures to facilitate the comparison of bids.

Payment will be based on the actual paid invoiced amount from the respective department without allowance for Contractors mark up, overhead or profit. If the total cost is greater or less than the amount stated in the Bid, a debit or credit of the difference in cost shall be applied to the allowance price for this item.

105.26 SCHEDULE OF VALUES

Within 14 calendar days of the date of the executed Contract, the Contractor shall submit a list detailing the breakdown of any lump sums bid for review and concurrence by the Engineer. This list will be used by the Engineer as a guide in approving estimates for payment. The list shall be an accurate representation of costs required to complete the Work in accordance with the Contract Documents.

A schedule (cash flow) of the monthly value of work done based on the Progress Schedule shall be submitted within 14 calendar days of the date of the executed Contract. The schedule shall show the total sum of work done for each month of the projected construction period and shall be updated monthly to reflect the actual amount requisitioned for payment.

105.27 MINORITY AND WOMAN'S BUSINESS ENTERPRISES

The Contractor shall conform to the requirements of the City of Pawtucket which requires a goal of 15% of the dollar value of the Work to be performed by Minority Business Enterprise (MBE).

The Contractor shall use his personnel and personnel of his subcontractors to reach these goals.

105.28 BITUMINOUS AND PORTLAND CEMENT CONCRETE

Bituminous and Portland cement concrete shall only be supplied from a RIDOT approved plant.

END OF SECTION

SECTION 201.9900 SITE PREPARATION

DESCRIPTION. This work consists of the performance of actions that are required to clear and prepare the site for subsequent construction operations. These actions all have a common characteristic; they involve the removal and legal disposal of both designated vegetative materials and man-made objects and facilities.

The Contractor shall be compensated for clearing and preparing the site for construction operations through individual Proposal (Bid) items; one such item for each removal and disposal action.

The following Subsections contain descriptions of some of the most common removal and disposal actions.

201.9901 Remove and Dispose Trees > 3” Caliper. This work consists of cutting and removing designated isolated trees (not included under Clearing and Grubbing) in excess of 3-inches in diameter (measured at 4-inches above existing ground) as directed by the Engineer.

201.9902 Grind Tree Stumps 18” Below Grade. This work consists of the partial removal of designated isolated tree stumps by grinding, as directed by the Engineer.

201.9903 Clearing and Grubbing. This work consists of cutting, removing from the ground, and disposing trees, stumps, brush, shrubs, hedges, roots and other vegetation which occur within the right-of-way and interfere with excavation, embankment, fencing, clear vision, or are otherwise considered objectionable. This work also includes the preservation from injury or defacement of all vegetation and objects outside clearing limits.

MATERIALS. For the requirements relating to Common Borrow and Gravel Borrow, see [Subsections 202.02.1](#) and [202.02.2](#), respectively, of the Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction with latest revisions, addenda and compilation of specifications (Standard Specifications).

CONSTRUCTION METHODS. The Engineer will designate all trees, shrubs, plants and other objects and facilities to be removed within the project limits. The Contractor shall preserve everything not designated to be removed.

Remove and Dispose Trees > 3” Caliper: The isolated trees to be removed will be designated by the Engineer. Those so-designated shall be removed and disposed of by the Contractor in accordance with the provisions of [Subsection 201.03.1](#) of this Section and as follows.

1. Trees to be removed shall be marked in the field with an orange fluorescent circle located at breast height on the trunk by the Owner. Only those trees marked with the orange circle shall be removed. Trees marked for removal shall correspond to those trees designated for removal as directed by the Engineer.
2. Trees shall be felled in a manner to prevent injury to adjacent facilities, buildings, sidewalks, streets, lawns, and adjacent trees scheduled to remain. All trees shall be topped and limbed prior

to felling. Limbs and branches larger than four (4) inches in diameter shall be lowered to the ground through the use of ropes or other mechanical means.

3. Adjacent trees scheduled to remain that are damaged beyond repair by removal operations, as determined by the City Forester, shall be replaced with trees of equal value prior to the damage at no additional cost to the City of Pawtucket. The value of damaged trees shall be established using the Trunk Formula Method set forth in the latest edition of Guide for Plant Appraisal authored by the Council of Tree and Landscape Appraisers.
4. All fallen branches and debris shall be removed and the site swept clear of all waste material. Debris and logs shall not be left at the work site overnight without express written or verbal permission of the Engineer.
5. All tree removal shall be performed by an arborist, who shall be in possession of a valid Standard Rhode Island Arborist License issued by RIDEM.

Grind Tree Stumps 18" Below Finished Grade. The isolated tree stump to be partially removed will be designated by the Engineer. The Contractor shall remove those so designated to 18-inches below final grade. The resulting wood chips shall be removed and hole shall then be filled in with materials as approved by the Engineer.

METHOD OF MEASUREMENT. The several removal and disposal actions required to clear and prepare the site for construction will be measured for payment as follows:

201.9901 Remove and Dispose Trees > 3" Caliper will be measured by the diameter inch of trees and stumps, actually cut and removed as directed by the Engineer. Measurement of diameter for removal of trees shall be made 24 inches above existing grade.

201.9902 Grind Tree Stump 18" Below Grade will be measured by the diameter inch of stumps actually ground as directed by the Engineer. Measurement of the diameter for the grinding of stumps shall be at the top surface of the stump.

201.9903 Clearing and Grubbing. "Clearing and Grubbing" will be measured by the number of square yards actually cleared and grubbed in accordance with the contract Documents and/or as directed by the Engineer.

BASIS OF PAYMENT. The several removal and disposal actions required to clear and prepare the site for construction will be paid for as follows:

201.9901 Remove and Dispose Trees > 3" Caliper. The accepted quantities of Remove and Dispose Existing Trees > 3" Caliper will be paid for at the respective contract unit prices per diameter inch as listed in the Proposal. The prices so-stated constitute full and complete compensation for all labor, materials, and equipment and for all other incidentals required to finish the work, including backfill, trimming and fine grading complete and accepted by the Engineer. Backfill of gravel borrow will be paid for separately.

201.9902 "Grind Tree Stump 18" Below Grade." The accepted quantity of "Grinding Stumps 18" Below Finish Grade" will be paid for at the contract unit price per diameter inch, measured across the stump surface as listed in the Proposal. The price so-stated constitutes full and complete compensation for all labor, materials, and equipment and for all other incidentals required to finish the work, including removal of wood chips, backfill, trimming and fine grading complete and accepted by the Engineer. Backfill of gravel borrow will be paid for separately.

201.9903 Clearing and Grubbing. The accepted quantity of "Clearing and Grubbing" will be paid for at the contract unit price per square yard as listed in the Proposal. The price so-stated constitutes full and complete compensation for all traffic control, labor, materials, and equipment and for all other incidentals required to finish the work, complete and accepted by the Engineer.

END OF SECTION

SECTION 201.9904
REMOVE AND SALVAGE GRANITE CURB, ALL TYPES

DESCRIPTION:

The work under this item consists of removing and stockpiling granite curb of all types including straight and circular curb, curb returns, transition curb, aprons and inlets as directed by the Engineer.

CONSTRUCTION METHODS:

Granite curb as located on the plans and determined by the engineer shall be removed and stockpiled on site for reuse. Excess granite curb as determined by the Engineer of all types not to be reused on the site shall be removed and transported to the City of Pawtucket DPW (Slater Park) 403 Newport Avenue. Any broken curbing will not be salvaged but disposed of and paid for under bid item 201.0401 "Remove and Dispose Curb". All curbing to be salvaged shall be cleaned of debris and concrete prior to delivery. Curbing delivered to the Pawtucket DPW shall be offloaded and stacked in an orderly manner.

METHODS OF MEASUREMENT:

Item Code 201.9904 "Remove and Salvage Granite Curb, All Types" shall be measured for payment per linear foot of curb removed and salvaged as directed by the Engineer.

BASIS OF PAYMENT:

The accepted quantity of Item Code 201.9904 "Remove and Salvage Granite Curb, All Types" will be paid for at the Contract unit price per linear foot as listed in the proposal. The price so stated constitutes full compensation for all traffic control, labor, equipment, tools, including cleaning curb, excavation, backfill, gravel borrow, temporary bituminous concrete pavement patch, delivery to the DPW and all other incidentals required to finish the work, complete and accepted by the Engineer.

**SECTION 206.9901
CATCH BASIN INLET PROTECTION**

DESCRIPTION: This work shall consist of furnishing, installing, maintaining and removing Catch Basin Sediment Capture Device as directed by the Engineer. This work will be paid for

MATERIALS: The Catch Basin Sediment Capture Device shall be manufactured from a woven polypropylene and sewn by a double needle machine, using a high strength nylon thread.

The Catch Basin Sediment Capture Device will have the following features:

- Dump straps attached at the bottom to facilitate the emptying of the Catch Basin Sediment
- Capture Device Lifting loops as an integral part of the system to be used to lift the Catch Basin Sediment Capture Device from the basin
- Restraint cord to keep the sides away from the catch basin walls

The Catch Basin Sediment Capture Device will be manufactured to fit the opening of the catch basin or drop inlet, typically 2'x2' or 2'x3'.

CONSTRUCTION METHODS: To install the Catch Basin Sediment Capture Device in the catch basin, remove the grate and place the sack in the opening. Hold out approximately six inches of the sack outside the frame. This is the area of the lifting straps. Replace the grate to hold the sack in place.

The Contractor shall empty the Catch Basin Sediment Capture Device when full as determined by the Engineer. The Contractor shall remove the Catch Basin Sediment Capture Device in such a manner to keep captured sediment from entering the catch basin.

The Contractor shall reuse the Catch Basin Sediment Capture Device until the construction is complete. Once the construction cycle is complete, the Contractor shall remove the Catch Basin Sediment Capture Device from the basin.

BASIS OF PAYMENT: Payment for the "CATCH BASIN INLET PROTECTION" will be paid at the contract ALLOWANCE as listed in the proposal. The price so-stated shall constitute the full compensation for traffic control, furnishing, installing, interim removal and cleaning, removal and disposal of the sedimentation, removing of device, all labor, materials, replacement filter bags, routine and proper maintenance and all incidentals required to the satisfaction of the Project Engineer.

END SECTION

SECTION 212.1000
MAINTENANCE AND CLEANING OF EROSION AND POLLUTION CONTROLS

DESCRIPTION:

Subsection 212.03.3; Failure to Maintain Erosion and Pollution Controls, of the Standard Specifications requires that a daily charge be deducted from monies due the Contractor in the event the Engineer decides that erosion and pollution controls are not in place or have not been adequately maintained.

The charge for this Contract will be \$500.00 per day. Additionally, the Contractor will be required to clean the drainage structures that were not protected at no additional cost to the City.

END OF SECTION

SECTION 401.9901
CLASS 9.5 HMA FOR MISCELLANEOUS WORK

DESCRIPTION.

The work under this item shall conform to the requirements of Section 401 of the Rhode Island Standard Specifications for Road and Bridge Construction, latest edition. This work consists of furnishing and installing Class 9.5 Hot Mix Asphalt for miscellaneous work. Miscellaneous work may include hand installation of HMA sidewalks, driveways, roadway patching, speed lumps, or any other item not explicitly stated in these specifications and not included in the itemized bid list.

MATERIALS.

Materials shall conform to Section 401 and M.03 of the Rhode Island Standard Specifications for Road and Bridge Construction, latest edition. Hot mix asphalt shall only be obtained from a RIDOT approved plant.

CONSTRUCTION METHOD.

Surfaces of curbs, gutters, vertical faces of existing pavements, and all utility castings and structures to be in contact with the HMA shall be given a thin, even coating of tack coat. Care shall be taken to avoid the splattering of surfaces which will not be in contact with the HMA.

All vertical surfaces shall be adequately tacked, even if required to do so by hand, before paving operations. Any surfaces where tack coat has been over applied (i.e. utility castings, curbing, sidewalks, crosswalks, etc.) shall be completely cleaned and removed by the Contractor, at no cost to the Owner.

When a tack coat is required, the type and grade and the application methods shall conform to the applicable provisions of both Section M.03; Materials and Section 403 of the Rhode Island Standard Specifications; Asphalt Emulsion Tack Coat, of these Specifications.

METHOD OF MEASUREMENT:

"Class 9.5 HMA for Miscellaneous Work" will be measured by the number of "Tons" actually placed in accordance with the Plans and/or as directed by the Engineer.

BASIS OF PAYMENT:

The accepted quantity of CLASS 9.5 HMA FOR MISCELLANEOUS WORK will be paid for at the contract unit price per ton as listed in the Proposal. The price so-stated constitutes full and complete compensation for all traffic control, labor, materials and equipment, including hot mix asphalt, tack coat, compaction and for all incidentals required to finish the work, complete and accepted by the Engineer.

END OF SECTION

**SECTION 905
SIDEWALKS****DESCRIPTION:**

Subsection 905.03 – Failure to Comply, In the event the Engineer determines that new sidewalks have not been constructed within seven (7) consecutive calendar days after excavation as required herein, a daily charge will be deducted from monies due the Contractor.

The charge for this Contract will be \$500.00 per day, per location for each calendar day that each location is not in compliance.

END OF SECTION

Sidewalks

**SECTION 905.9901
4 INCH CEMENT CONCRETE SIDEWALK AND CURB RAMPS**

**SECTION 905.9902
8 INCH CEMENT CONCRETE AT DRIVEWAYS AND CURB RAMPS**

**SECTION 905.9903
STAMPED AND COLORED CEMENT CONCRETE SIDEWALK**

DESCRIPTION:

The work under this item shall conform to the requirements of Section 905 of the Rhode Island Standard Specifications for Road and Bridge Construction, latest edition. This work consists of constructing new Portland cement concrete sidewalks, driveways and curb ramps identified in Section H of this Contract. Sketch plans have been provided as a guide for locating ramp openings and to show approximate limits of work.

Sketches of proposed curb ramps are provided in Section H. These sketches represent an approximation of the limits of work, impact to adjacent properties and the intent in locating the ramp opening. It shall be the Contractor's responsibility to layout a curb ramp that meets or exceeds the minimum requirements of the Public Right of Way Accessibility Guidelines (PROWAG) and transitions back into the existing sidewalk area within the approximate limits of work shown. The Contractor shall notify the Engineer in the event that these minimum requirements cannot be met prior to removal of the existing sidewalk.

Additional stamped and colored concrete may be added to select layouts to replace existing stamped and colored areas to be removed. The work will include identifying the matching pattern and color of the existing material, laying out areas within the sidewalk areas to be replaced that will conform PROWAG criteria, and placing stamped and colored concrete material to match into existing sidewalk areas.

MATERIALS:

For all sidewalk areas:

Portland Cement Concrete shall be Class XX(AE) (4000 psi) for sidewalks, typical driveways and commercial driveways and shall conform to the requirements set forth in Subsections 601.01.0 Classification and 601.03.1 Proportioning, of the Standard Specifications, the applicable requirements of Section M.02 Portland Cement Concrete of the Standard Specifications.

In addition, the following shall apply to STAMPED AND COLORED CEMENT CONCRETE SIDEWALK areas only:

Color Agent:

1. The coloring agent for integrally colored concrete shall meet the requirements of ASTM C 979, be approved by the Engineer and it shall be used in accordance with manufacturer's recommendations.

It shall not contain calcium chloride.

2. The amount of coloring agent to be used in the concrete mix shall be in accordance with the manufacturer's recommendation to attain a final hydrated concrete color that matches French Gray (C-14) by L. M. Scofield Co. or approved equal.

Color Hardener:

1. Color hardener shall be ready-to-use, dry-shake type color hardener and shall be streak-free intergrind of pigments, surface conditioning and dispersing agents, and Portland cement, blended with an approved graded aggregate as specified by the manufacturer. It shall not contain calcium chloride.
2. Color hardener shall meet ASTM C 979 for color stability.
3. Color hardener shall be Classic Gray (A-33) Lithochrome by L. M. Scofield Co. or approved equal.
4. Application rate shall be a minimum of 64 lbs. per 105 square feet or in accordance with manufacturer guidelines.

Release Agent:

1. Release agent shall be a powdered, colored, bond-breaker formulated to break the bond between mat-type concrete texturing tools and the surface of the color-hardened concrete while imprinting variegated or mottled appearance.
2. Release agent shall meet ASTM C 979 for color stability.
3. Release agent shall be Deep Charcoal (A-21) by L. M. Scofield Co. or approved equal. Application rate shall be 4 lbs. per 105 square feet or in accordance with the manufacturer's guidelines.
4. The release agent shall be applied in accordance with the manufacturer's recommendations.

Surface Penetrating Sealer:

1. The surface penetrating sealer shall be specifically required by the color hardener manufacturer.
2. All materials are subject to the approval of the Engineer. The surface penetrating sealant shall meet the following performance criteria, based on application of the solution in accordance with the manufacturer's recommended procedures and rates.

Performance Specification:

- A water miscible, penetrating salt and liquid water repellent treatment that will provide internal steel corrosion protection as follows:
- Treatment shall not affect skid resistance or surface texture.
- Treated concrete surfaces submitted to an ASTM C-642 moisture absorption test or two percent (2%) in fifty (50) days shall not absorb more than one percent (1%) moisture in forty-eight (48) hours.
- Treated concrete surfaces subjected to a ninety (90) day chloride ion penetration test (AASHTO

T-259, T-260) shall not permit the penetration of more than 3lbs of chlorides per cubic yard of concrete at the ½ inch to 6 inches depth and no more than 1 lbs. of chloride per cubic yard at 1 inch depth.

- Surface preparation shall be in accordance with manufacturer's recommendations.
- Treatment shall not affect the normal vapor permeability of the substrate.

Curing Compound:

1. Curing compound shall be as recommended by the color manufacturer. It shall not affect the skid resistance of the surface.
2. Combined curing compound and sealer systems are available from concrete color manufacturers. Usage shall be approved by the Engineer in accordance with manufacturer's recommendations.

Expansion Joint:

1. Preformed joint filler, bituminous type, shall conform to the Standard Specifications, Section M.9.14.0.

Joint Sealant:

1. Joint sealant shall be a high quality polyurethane based, having a 97 percent nonvolatile content and a combined weight of 3 lbs. per gallon.
2. All color hardeners, release agents, curing compound, surface penetrating sealers, and joint sealant materials shall be from a single source manufacturer and shall be tinted to match the Classic Gray (A-33) by L. M. Scofield Co. color requirement and be used in accordance with the manufacturer's recommendations.

Reinforcement:

1. Shall be 6 x 6 x 6 plain and shall be in accordance with the Standard Specifications, Section 901, and Section M8.01.2.

Forms:

1. Set forms to required line and grade, as shown on the plans, rigidly braced and secured. Install sufficient quantity of forms to allow continuous progress of work and so that forms can remain in place at least 24 hours after concrete placement.

Imprinting Texturing Tools:

1. Shall be mat-type tools of a high-quality to produce a stonetile-stacked bond pattern as produced by L. M. Scofield Co. or approved equal. The manufacturer of such tools shall have provided adequate training to the Contractor. The Contractor shall submit documentation that he has been trained by the tool manufacturer.

Concrete:

1. The Portland cement concrete shall be Air-Entrained in accordance with Section 701 of the Standard Specifications and as modified herein.
2. The proportioning of ingredients for the integrally colored and stamped concrete shall be approved by the Engineer as specified herein. All admixtures and coloring agents must be compatible in their use.

Fiber Reinforcement:

1. Fiber reinforcement shall be 1/2" or 3/4" polypropylene fibers, maximum 3 denier, complying with ASTM C 1116, Type III, Par. 4.1.3 and applicable building code requirements. Not less than 50 million individual fibers per pound.
2. Fibers shall be supplied in cellulose Concrete Ready Bags which disperse during mixing. Application rate shall be 1 pound per cubic yard of concrete unless recommended otherwise by the manufacturer. For uniform distribution, mix in truck for a minimum of 20 minutes after fiber addition. Add fibers at the batch plant to ensure proper mixing.

Color Modified Concrete Mix Design and Approval Process:

1. Proportioning and testing of the concrete components and mixture shall be accomplished by using the methods outlined in Section 901.
2. The Contractor shall proportion the concrete mix including the coloring additives and finishing methods to obtain the desired color, texture, aggregate exposure, and meet the appropriate mixture classification requirements of Section.
3. The following information shall be added in addition to the requirements listed in Section 901 to be included in the laboratory test data report:
 - Coloring agent
 - Color hardener
 - Release Agent
 - Curing Compound
 - Surface penetrating Sealer
 - Fiber reinforcement

Prior to performing the concrete field trial runs the Contractor shall submit to the Engineer the proposed mix design(s) and one concrete prototype for each concrete classification, color and texture, and aggregate exposure as specified in the project plans. The prototype shall be submitted to the Engineer sufficiently in advance to allow for review and approval of color, texture, and aggregate exposure of the concrete.

Trial Run:

1. After the concrete mix design provided by the Contractor has been reviewed by the Engineer and no exception taken, the Contractor shall conduct a trial run in accordance with the requirements listed in Section 901 prior to production, using the submitted mix design's component materials and proportions including the amount of admixtures, color additives, finishing and curing techniques which will be necessary to produce concrete of the specified plasticity, workability, air content, compressive strength, color, texture, surface pattern and any other specified concrete property.
2. During the field trial runs, the Contractor shall also manufacture and submit the required number of prototypes in accordance with the above listed requirements.

Field Sample:

1. During the trial run the Contractor shall make a field sample, no less than 1 square yards in size, using the submitted mix. This sample shall not be part of the permanent pavement area. The field sample shall include 90 percent patterned area, as specified on the plans, impressed from full patterns and 10 percent patterned area using hand tools to match the full formed area.
2. The sample shall be approved by the Engineer after consultation with the town of Dedham for color, texture, and pattern. Additional samples shall be required in the event that the first or subsequent samples are rejected.
3. When all specified concrete parameters have been attained, including color and texture, the Engineer, in consultation with the Town of Reading, shall approve the proposed mix design, color, texture, and aggregate exposure for production.

CONSTRUCTION METHODS.

For all sidewalk and curb ramp areas:

All construction methods shall be in accordance with Section 905 and 600 of the Standard Specifications except where otherwise described in this Specification.

The Contractor shall be responsible to verify if basement vaults extend under the sidewalk to be repaired or installed. Any damage to underground basement vaults shall be repaired by the Contractor at no additional expense to the City.

All sidewalks shall be 4000 PSI 28 day compressive strength concrete at a depth of 4 inches. All driveways shall be 4000 PSI 28 day compressive strength concrete at a depth of 8 inches. All wheelchair ramps shall be 4000 PSI 28 day compressive strength concrete at a depth indicated in the details.

The Contractor shall sawcut in front of driveways to be replaced, twelve inches (12") and at the back of driveway, if necessary, one to four feet (1-4') into the private property to match the new grade, or to provide a suitable material to match into. Both sides of the driveway shall be formed and permanently restored thereafter with Class 9.5 HMA or Portland Cement Concrete.

Contractor shall place 8" Cement Concrete within the curb ramp areas of curb ramps when located within 20 feet of a roadway intersection.

The inclusion of grass strips applies to reconstruction of the entire frontage (at least one side on corner lots) of an address, as indicated by the Engineer. This requirement does not apply to reconstruction of short segments or in proximity to curb ramps unless specified. The grass strip will be installed at the front of the sidewalk. The width of the grass strip will be based on the width of the sidewalk as described below. No grass strips will be included in new or reconstructed sidewalks less than six feet or where the inclusion would conflict with the Americans With Disabilities Act (ADA).

SIDEWALK WIDTH

GRASS STRIP WIDTH or SLOPE BREAK

10 Feet	4 Feet
9 Feet	4 Feet
8 Feet	3 Feet
7 Feet	2 Feet
6 Feet	2 Feet

Maintaining existing grass strips on sidewalks to be reconstructed that are less than six feet will be determined on a case-by-case basis considering the existence of grass strips on abutting sidewalks, the existence of street trees, conformance to the ADA and the desires of the homeowner.

If no grass strip is proposed, and the sidewalk cross slope exceeds the allowable parameters, the sidewalk grade change shall be implemented using the dimensions listed above.

Generally, the existing elevation of curbing to remain adjacent to the proposed curb ramp should be maintained and adjustments for grade shall be made by adjusting the elevation at the existing back of sidewalk. After excavation, and inspection of the adjacent structure (wall, foundation, etc.) at the back of sidewalk, the Contractor shall indicate construction options to the Engineer for further direction.

After laying out the proposed curb ramp at the location indicated to the dimensions and grade that meet the PROWAG standard the Contractor shall ensure that the proposed sidewalk surface adequately maintains the existing conditions at the back of sidewalk. When the change in elevation of the back of sidewalk exceeds 4" or it is otherwise necessary to support the existing material at the back of sidewalk, the contractor shall place new concrete curbing (item number 906.9907) or salvaged granite curbing (item number 906.9906) along the back of sidewalk as noted in the sketch plans or at the direction of the Engineer.

With the exception of sidewalk transitions into adjacent existing sidewalk to remain, the Contractor shall ensure that the as built condition of the new curb ramp and sidewalk areas adheres to the PROWAG standard. Failure to adhere to the PROWAG standard will be cause for reconstruction at the Contractor's expense.

In addition, the following shall apply to STAMPED AND COLORED CEMENT CONCRETE SIDEWALK:

Handling and Placement

The Contractor shall be advised that the specified concrete may result in an accelerated initial concrete set. The Contractor shall take proper precautions to conduct all of the handling, testing, placement prior to concrete initial set and perform the required stamping and curing and sealing of concrete thereafter in

accordance with manufacturer's recommendations.

During concrete operations in hot weather, the Contractor shall take measures with the approval of the Engineer to reduce hazards such as, flash set, rapid loss of water due to evaporation, high concrete temperatures, and the increased difficulty of concrete placement, and finishing. Any concrete admixture modifications proposed by the Contractor must be submitted in writing to the Engineer for approval.

Construction shall be in accordance with the Standard Specifications, Section 905, with the following additions:

Experienced Personnel

The installation, coloring, finishing, patterning, and related activities are operations requiring a thorough knowledge of the properties of concrete, the characteristics of the coloring and patterning process, and experience with these methods and only skilled and experienced artisans shall be employed in this work item. Specifically the placement crews chief shall remain the same person from installation and approval of the sample(s) through the entire project.

The contractor shall provide conclusive proof that he is qualified to, and has previously produced such textured paving as specified and can comply with the provisions specified herein and shown on the plans. Proof shall consist of at least three high quality installations similar to that specified herein. Evidence that the contractor is qualified shall be submitted within thirty (30) days after the Notice to Proceed is received, and it shall be the responsibility of the prime bidder to ensure that the subcontractor he intends to use for this work be pre-qualified in accordance with this paragraph.

Concrete Placement

Establish lines and levels. Finish grade of the Stamped and Colored Concrete shall match the adjacent sidewalk in both profile and cross section.

No concrete under this item shall be placed when weather conditions indicate precipitation can occur before completed surface patterning can be fully projected. Place only that amount of concrete, which can be completely finished and patterned in accordance with these specifications. Concrete which becomes too stiff for the proposed patterning shall be removed and disposed of by the Contractor and replaced in accordance with the plans, these specifications and/or as directed by the Engineer. Concrete removed, disposed of and replaced shall be at the Contractor's expense. Do not place concrete until subbase and forms have been checked for line and grade. Moisten subbase to provide uniform dampened condition at time concrete is placed. Do not place concrete around manholes or other structures until they are at required finish elevation and alignment.

Deposit and spread concrete in continuous operation between transverse joints, as far as possible. If interrupted for more than 1 hour, place a construction joint.

Joints

General - Construct expansion, weakened-plane (contraction), and construction joints true-to-line with face perpendicular to surface of concrete. Construct transverse joints at right angles to the center line, unless otherwise indicated.

When joining existing structures, place transverse joints to align with previously placed joints, unless

otherwise indicated.

Weakened-Plane (Contraction) Joints - Provide weakened-plane joints, sectioning concrete into areas as shown on drawings. Contraction joints shall be placed at spacings not greater than 12 feet. Construct weakened-plane joints for a depth equal to at least 1/4 concrete thickness, as follows:

- **Tooled Joints** - Form weakened-plane joints in fresh concrete by grooving top portion with a recommended cutting tool and finishing edges with a jointer.
- **Inserts** - Use embedded strips of flexible PVC to form weakened-plane joints. Set strips into plastic concrete and carefully remove strips after concrete has hardened.

Construction Joints - Place construction joints at end of placements and at locations where placement operations are stopped for a period of more than 1 hour except where such placements terminate at expansion joints. Construct joints as shown or, if not shown, use standard metal keyway section forms.

Expansion Joints - Provide premolded joint filler for expansion joints abutting concrete curbs, catch basins, manholes, inlets, structures, walks, and other fixed objects, unless otherwise indicated. Locate expansion joints as indicated on drawings.

Extend joint filler full-width and depth of joint and not less than 6mm or more than 300mm below finished surface where joint sealer is indicated. If not joint sealer, place top of joint filler flush with finished concrete surface.

Furnish joint fillers in one-piece lengths for full width being placed, wherever possible. Where more than one length is required, lace or clip filler sections together.

Protect top edge of joint filler during concrete placement with a metal cap or other temporary material. Remove protection after concrete has been placed on both side of joint.

Filler and Sealants

Install in accordance with manufacturer's recommendation.

Primary Concrete Finishing

After strike-off and consolidating concrete, smooth surface by screeding and floating. Use hand methods only where mechanical floating is not possible. Adjust floating to compact surface and produce uniform texture.

After floating test surface for trueness with a 3m straightedge, distribute concrete as required to remove surface irregularities, and refloat repaired areas to provide a continuous smooth finish. Finished surfaces should conform to tolerances required in Section 701 of the Standard Specifications for Road and Bridge Construction.

Special Concrete Finishing

After completion of floating the entire surface finish as follows:

- Color Hardener shall be applied evenly to the plastic surface by the dry-shake method using a

minimum of 29 kilograms and a maximum of 34 kilograms per 10 square meters. It shall be applied in two or more shakes, floated after each and troweled only after the final floating.

- Fresh concrete shall be carefully and continuously monitored and tested during partial setting up so that proper consistency for patterning is achieved. Air temperature, humidity, wind conditions, and other factors affecting setting rate shall be considered in determining the start of patterning operations.
 - Release agent shall be applied evenly to surface.
 - While the concrete is still in the plastic stage of set, the imprinting tools shall be applied to create the surface pattern.
1. Full patterns shall be used to the maximum extent possible. Care shall be taken to ensure continuity of the pattern and to maintain proper relationships to direction of travel, edges, cut route, curbs, and other opportunities.
 2. Where full patterns cannot be used, such as at corners, narrow areas, angles, ramps, or obstructions, hand detailing tools and methods shall be used to continue the intended pattern to the limit of the area. The hand methods shall match as closely as possible the pattern, color, and texture of the full pattern area.
 3. Carefully lift and remove the polyethylene sheet.
 4. At all edges of globes, hooks of curbing, and principal obstructions, smooth and finish the patterned art concrete with a metal edging tool, having a 3 inch plate width and a ½ inch radius. A principal obstruction shall be, for example, a light or signal standard, catch basin, manhole, or planting area, but shall not be a water gate, fire hydrant, parking meter, sign post, or similar incidental opportunity.

Once the concrete has attained a compressive strength of 20MPa and a minimum of twenty four (24) hours curing time, the surface of the concrete shall be carefully power washed to remove any debris without removing the release agent and thereafter sealed.

Repairs and Protection

Repair or replace broken or defective concrete as required.

Protect concrete from damage until acceptance of work. Exclude traffic from pavement until the concrete has attained a compressive strength of 20 MPa for at least 1 day after placement. Maintain pavement free of stained and other damage until accepted by the Engineer.

Sweep concrete pavement and wash free of stains, discolorations, dirt, and other foreign material just prior to final inspection.

The Engineer shall determine when the concrete shall be opened to traffic.

METHOD OF MEASUREMENT.

905.9901 4 INCH CEMENT CONCRETE SIDEWALK AND CURB RAMPS , 905.9902 8 INCH CEMENT CONCRETE AT DRIVEWAYS AND CURB RAMPS will be measured by the number of square yards of concrete actually installed to the depths indicated in the contract details and specifications or as directed by the Engineer.

905.9903 STAMPED AND COLORED CEMENT CONCRETE SIDEWALK will be measured by the number of cubic yards of concrete actually installed to the depths indicated in the specifications or as directed by the Engineer.

BASIS OF PAYMENT.

The accepted quantities of **905.9901 4 INCH CEMENT CONCRETE SIDEWALK AND CURB RAMPS, 905.9902 8 INCH CEMENT CONCRETE AT DRIVEWAYS AND CURB RAMPS** will be paid for at the contract unit price per "Square Yard" as listed in the Proposal. The price so-stated constitutes full and complete compensation for all layout, labor, materials and equipment, including design, layout, saw cutting, trimming and fine grading, forming and curing, scoring all joints, expansion joint material, steel reinforcement, installing welded wire mesh, bituminous concrete Class 9.5 HMA permanent patching to match into existing roadway and into adjacent bituminous sidewalks, and all other incidentals required to finish the work, complete and accepted by the Engineer.

The accepted quantities of **905.9903 STAMPED AND COLORED CEMENT CONCRETE SIDEWALKS** will be paid for at the contract unit price per "Cubic Yard" as listed in the Proposal. The price so stated constitutes full and complete compensation for all layout, labor, materials and equipment, including saw cutting, layout, trimming and fine grading, forming and curing, scoring all joints, expansion joint material, steel reinforcement, installing welded wire mesh, and all other incidentals required to finish the work, complete and accepted by the Engineer.

Excavation and gravel borrow subbase will be paid for separately under the appropriate bid items.

Precast concrete curbing to support the back of sidewalk will be paid for separately under the appropriate bid items.

The cost of matching into existing driveways and grassed areas on private property will be paid under appropriate bid items for anything past the apparent Right-of-Way/private property line.

END OF SECTION

SECTION 906.9901
FURNISH AND INSTALL GRANITE CURB STRAIGHT, CIRCULAR
SECTION 906.9903
FURNISH AND INSTALL GRANITE INLET OR APRON STONE – ALL SIZES AND TYPES
SECTION 906.9904
FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP TRANSITION CURB
SECTION 906.9905
FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP STONE STRAIGHT, CIRCULAR
SECTION 906.9906
INSTALL SALVAGED GRANITE CURB STRAIGHT, CIRCULAR
906.9907
INSTALL CEMENT CONCRETE CURB PRECAST STRAIGHT , CIRCULAR STANDARD
SECTION 906.9908
INSTALL SALVAGED GRANITE INLET OR APRON STONE

DESCRIPTION:

The work in this specification consists of furnishing and installing new granite curbing and inlet/apron stones and installing salvaged curbing from the Pawtucket DPW at 403 Newport Avenue (Slater Park) or at locations directed by the Engineer.

CONSTRUCTION METHODS:

All construction methods shall be in accordance with Section 906.03.1, M.02, M.03, and M.09 of the Standard Specifications and the contract details.

At the direction of the Engineer, the contractor may use salvaged granite curbing located at the Pawtucket DPW. Delivery of the salvaged curbing to the site is the responsibility of the Contractor.

Excess curbing not to be used on the site will be, at the direction of the Engineer, transported to the Pawtucket DPW, 403 Newport Avenue (Slater Park).

METHOD OF MEASUREMENT

906.9901 FURNISH & INSTALL GRANITE CURB STRAIGHT, CIRCULAR, 906.9904 FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP 6' TRANSITION CURB, 906.9905, FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP STONE STRAIGHT, CIRCULAR, 906.9906 INSTALL SALVAGED GRANITE CURB STRAIGHT, CIRCULAR, 906.9907 INSTALL CEMENT CONCRETE CURB PRECAST STRAIGHT , CIRCULAR STANDARD shall be measured by the number of Linear Feet of such curbing actually installed as directed by the Engineer.

906.9903 FURNISH AND INSTALL GRANITE INLET OR APRON STONE – ALL SIZES AND TYPES, shall be measured by the number of Each such units actually installed as directed by the Engineer.

BASIS OF PAYMENT

906.9901 FURNISH & INSTALL GRANITE CURB STRAIGHT, CIRCULAR, 906.9904 FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP 6' TRANSITION CURB, 906.9905, FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP STONE STRAIGHT, CIRCULAR, 906.9906 INSTALL SALVAGED GRANITE CURB STRAIGHT, CIRCULAR, 906.9907 INSTALL CEMENT CONCRETE CURB PRECAST STRAIGHT , CIRCULAR

STANDARD will be paid for at their respective contract unit prices per Linear Foot as listed in the Proposal. The prices constitute full and complete compensation for all traffic control labor, materials and equipment, including sawcutting, excavation, joints, gravel borrow, backfilling, concrete curb lock, Class 9.5 HMA permanent pavement restoration, asphalt emulsion tack coat, loading, transportation, and all other incidentals required to finish the work, complete and accepted by the Engineer.

906.9903 FURNISH AND INSTALL GRANITE INLET OR APRON STONE – ALL SIZES AND TYPES will be paid for at their respective contract unit prices per Each as listed in the Proposal. The prices constitute full and complete compensation for all traffic control labor, materials and equipment, including sawcutting, excavation, joints, gravel borrow, backfilling, concrete curb lock, Class 9.5 HMA permanent pavement restoration, asphalt emulsion tack coat, loading, transportation, and all other incidentals required to finish the work, complete and accepted by the Engineer.

Sidewalk restoration will be paid for separately under the appropriate bid item.

END OF SECTION

SECTION 906.9909
REMOVE, HANDLE, HAUL, TRIM, RESET CURBING/EDGING, ALL TYPES

DESCRIPTION:

This work shall consist REMOVE, HANDLE, HAUL, TRIM, RESET CURBING/EDGING, STRAIGHT, CIRCULAR, TRANSITION, INLET, APRON, RETURNS, ALL TYPES as shown in the plans or as determined by the Engineer. The work under this item shall conform to the requirements of Section 906 of the Rhode Island Standard Specifications for Road and Bridge Construction, including revisions, addenda and compilations.

MATERIALS:

Gravel Borrow shall conform to Materials Section M.01.02 and Joint Mortar shall conform to Section M.02

CONSTRUCTION METHODS:

The existing curbing or edging shall be carefully removed to minimize damage to said units and adjacent pavement or sidewalks. The roadway shall be sawcut one foot beyond the face of the curb to be reset. The curbing or edging will then be handled, hauled and stockpiled as required. The ends for jointing will be cut and squared or cut and angled for wheelchair ramp transition curb and ramp stone. All curb or edging must be thoroughly cleaned prior to resetting.

If the curb or edging is to be reset in either its original or new location, excavation shall be made to the dimensions shown on the Plans or as directed by the Engineer to allow for the proper fine grading and compaction of the gravel borrow subbase. All soft or unsuitable materials shall be removed and replaced with gravel borrow material which shall be thoroughly compacted to prevent future settlement of the reset curb or edging.

The curb or edging shall be reset such that the front top arris line conforms to the required line and grade. The gravel base upon which the curb or edging is to be reset shall be placed in layers not exceeding 6 inches in depth. Each such layer shall then be compacted to 95 percent of maximum density by means of a vibratory compactor of a size and type approved by the Engineer.

Curbing and edging shall be laid with joints as narrow as possible for stone curb. The individual stones shall be trimmed and cut as necessary so that no more than 1/2-inch opening shall show for the full width of the top and 8 inches down from the front. Joints greater than 1/8-inch shall be filled and joined by cement mortar.

After the curbing or edging has been reset, any remaining excavation areas shall be backfilled with approved granular material and thoroughly compacted back and front to grade. Methods of compaction shall preserve the line and grade of the reset curbing or edging.

Class A Portland cement concrete shall poured in place for the length of the reset curb, extending one foot into the roadway from the face of curb, and one foot depth allowing for four inches of Class 9.5 HMA permanent patch.

The Contractor shall replace with new curb/edging any existing curbing or edging that is to be reset which is lost, damaged, or destroyed as a result of either its construction operations or failure to properly store and protect said units, all at no additional cost to the City.

METHODS OF MEASUREMENT:

REMOVE, HANDLE, HAUL, TRIM, RESET CURBING/EDGING, STRAIGHT, CIRCULAR, TRANSITION, INLET, APRON, RETURNS, ALL TYPES will be measured by the number of linear feet of such curbing reset in accordance with the plans and/or directed by the Engineer.

BASIS OF PAYMENT:

The accepted quantities of REMOVE, HANDLE, HAUL, TRIM, RESET CURBING/EDGING, STRAIGHT, CIRCULAR, TRANSITION, INLET, APRON, RETURNS, ALL TYPES will be paid for at the respective contract unit prices per linear foot as listed in the Proposal. The prices so-stated constitute full and complete compensation for all traffic control, labor, materials, and equipment, sawcutting, removal and disposal of existing pavement structure, excavation for removal and setting, all handling, hauling and stockpiling, cleaning all sections to be reset, cutting and trimming as necessary to provide the maximum ½-inch opening across the top and down the front of the curbing, and to convert to transition curb for wheelchair ramps, cement mortar to fill joints greater than 1/8-inch, gravel borrow subbase course including compaction and fine grading unless otherwise noted, the resetting of the curb or edging to line and grade, backfilling, compacting, Class A concrete curb lock, Class 9.5 HMA permanent patch, asphalt emulsion tack coat, and all other incidentals required to finish the work, complete in place and accepted by the Engineer.

Portland cement concrete sidewalks/driveways/wheelchair ramps will be paid for separately under the appropriate bid item.

END OF SECTION

SECTION 932.9901
FULL-DEPTH SAWCUT OF PCC OR ASPHALT SIDEWALK/DRIVEWAY

DESCRIPTION.

This work shall consist of saw cutting both Portland cement concrete and bituminous concrete pavements and sidewalks to the required depths at the locations indicated in the Contract Documents or as directed by the Engineer, all in accordance with these Specifications.

MATERIALS.

Not applicable.

CONSTRUCTION METHODS.

The method of cutting shall be approved by the Engineer prior to the commencement of construction operations. The sections of existing pavement to be removed, surface course, base course, or combination thereof, shall be cut along the neat lines indicated in the Contract Documents or as directed by the Engineer. A vertical cut of at least 2 1/2-inches deep or to the depth of the concrete shall be made along the designated lines. Jackhammering of sawcut lines will not be accepted. The pavement to be removed shall then be chipped and removed. The edge of the cut joint shall be thoroughly cleaned by sweeping and blowing with compressed air. The clean edge shall then be protected by adequate measures until the new pavement or sidewalk is placed and matched thereto.

Any existing pavement or sidewalk, surface course, base course, or combination thereof, beyond the neat lines called for on the Plans that is damaged or destroyed by the Contractor's operations shall be either repaired or replaced at no additional cost to the Owner.

The Contractor shall verify that sidewalk basement or utility vaults are not present. Sawcutting through a structure in the sidewalk will be cause for repair by the Contractor with no additional compensation by the City.

METHOD OF MEASUREMENT.

"Full Depth Sawcut of PCC or Asphalt Sidewalk/Driveway" will be measured by the length in linear feet of cuts actually made on designated courses of pavement or sidewalks as indicated in the contract details or as directed by the Engineer.

BASIS OF PAYMENT.

The accepted quantities of "Full Depth Sawcut of PCC or Asphalt Sidewalk/Driveway" of the types specified will be paid for at their respective contract unit prices per linear foot as listed in the Proposal. The prices so-stated constitute full and complete compensation for all traffic control, labor, materials and equipment and all other incidentals required to finish the work, complete and accepted by the Engineer.

END OF SECTION

**SECTION L01.9901
LOAM BORROW (4 INCHES DEEP) AND TYPE 2 SEEDING**

DESCRIPTION.

This work consists of the installation and spreading of 4 inches loam borrow and installation of Type 2 grass seeding as directed by the Engineer.

MATERIALS.

Loam shall comply with Sections L.01, L.02 and M.18 of the Standard Specifications.

CONSTRUCTION METHODS:

“LOAM BORROW 4 INCHES DEEP & TYPE 2 SEEDING” shall be placed on the prepared surface. The loamed surface shall be graded, and all roots, sods, weeds, cobbles or stones greater than 1 inch shall be removed and legally disposed of.

METHOD OF MEASUREMENT:

“LOAM BORROW 4 INCHES DEEP & TYPE 2 SEEDING” shall be measured by the SQUARE YARD of actual loam and seed installed, with an established stand of grass, free of weeds.

BASIS OF PAYMENT:

The accepted quantity of “LOAM BORROW 4 INCHES DEEP & TYPE 2 SEEDING” shall be paid for at the contract unit price per SQUARE YARD of actual loam and seed installed, with an established stand of grass, free of weeds.

The price so-stated constitutes full and complete compensation for all traffic control, labor, materials and equipment, and for all incidentals required to finish the work including preparation of the surface to be loamed, excavation of any necessary subgrade soils, installation of 4 inches loam, trimming and fine grading installation of type 2 grass seed, establishing a full stand of grass free of weeds, watering and any incidentals required, complete and accepted by the Engineer.

END OF SECTION

**SECTION L02.1000
SEEDING**

DESCRIPTION.

Subsection L.02.03.7; Failure to Perform Care During Construction, of the Standard Specifications requires that a daily charge be deducted from monies due to the Contractor in the event the Engineer decides that the care during construction has not been adequately controlled.

The charge for this Contract will be **\$100.00** per day

END OF SECTION

Appendix H

Curb Ramp Sketch Details

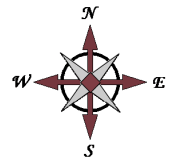
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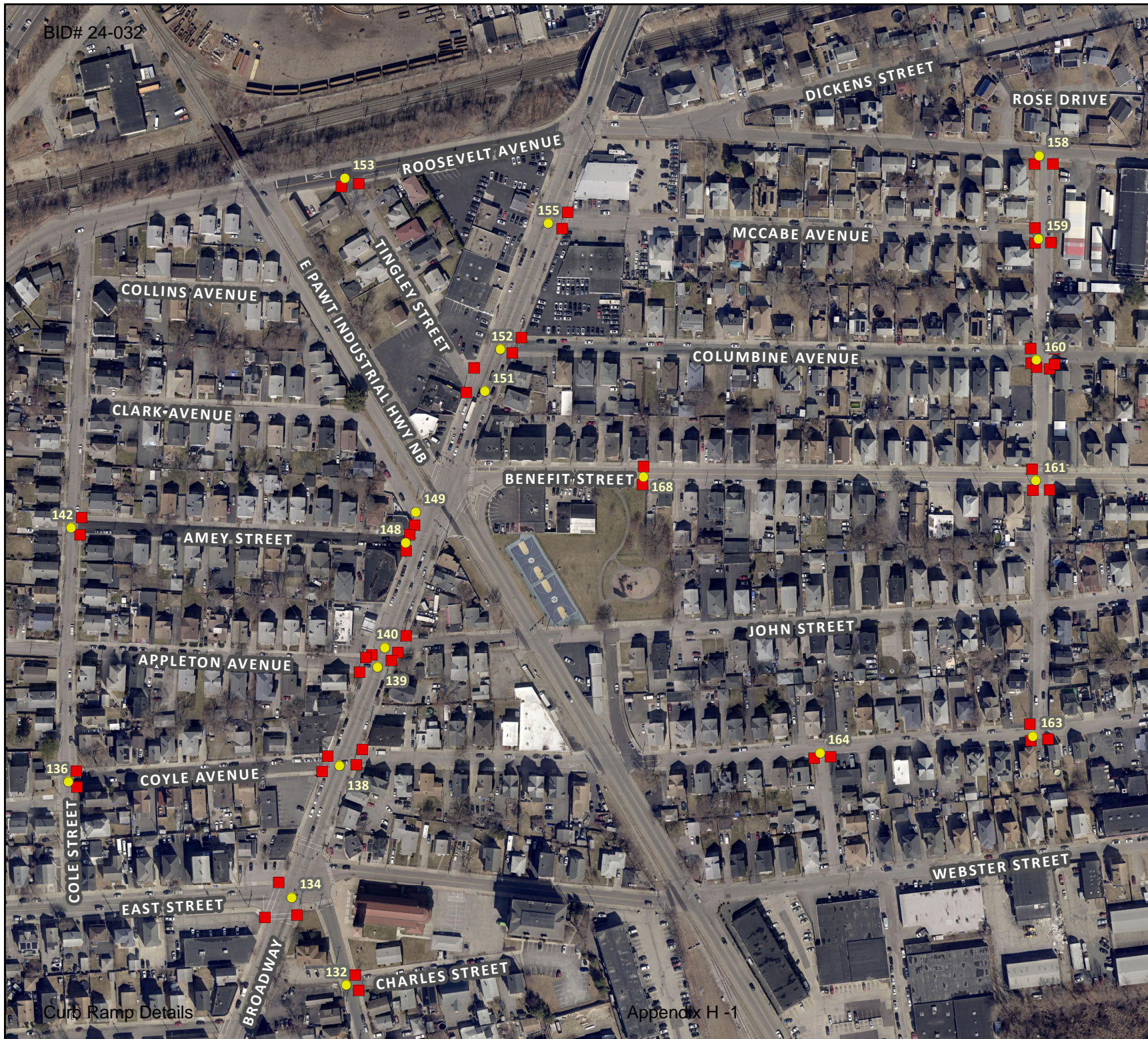
City-Wide
Sidewalk & ADA Ramp
Improvements
Contract 1

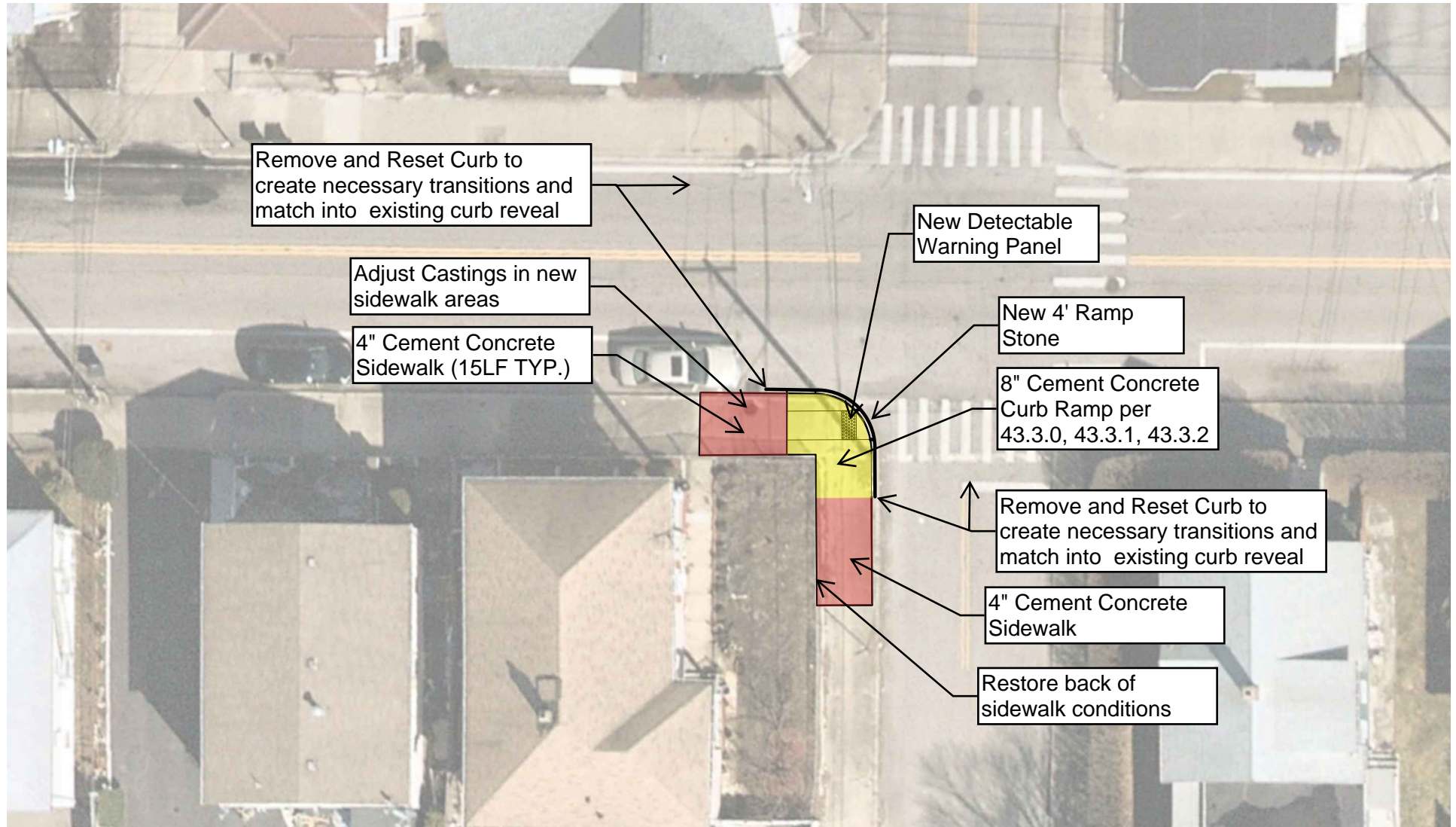
Curb Ramp
Locations

- Proposed New Curb Ramp
- Intersection ID
See Detail



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Feet

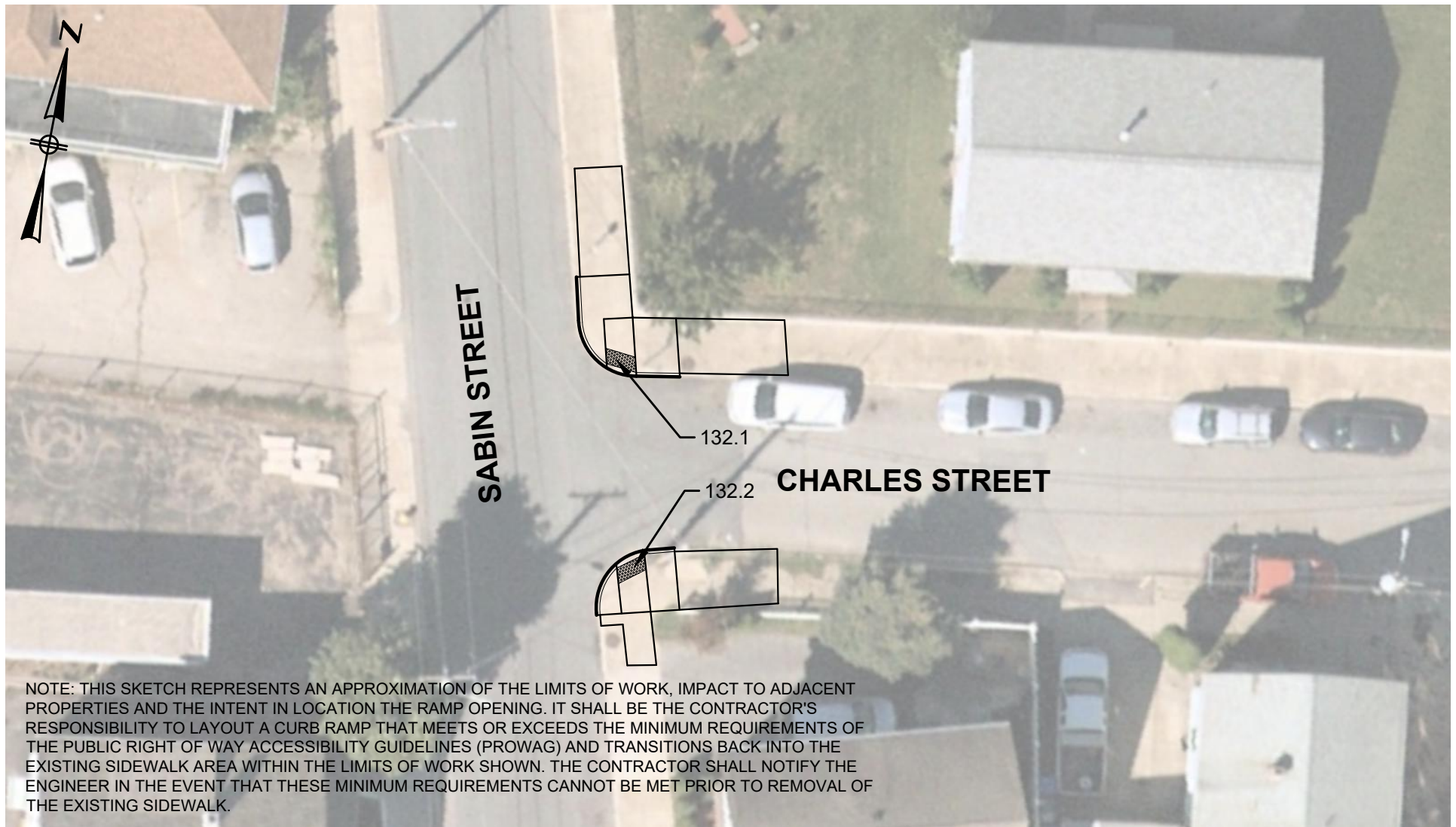




TYPICAL LAYOUT
PAWTUCKET, RI

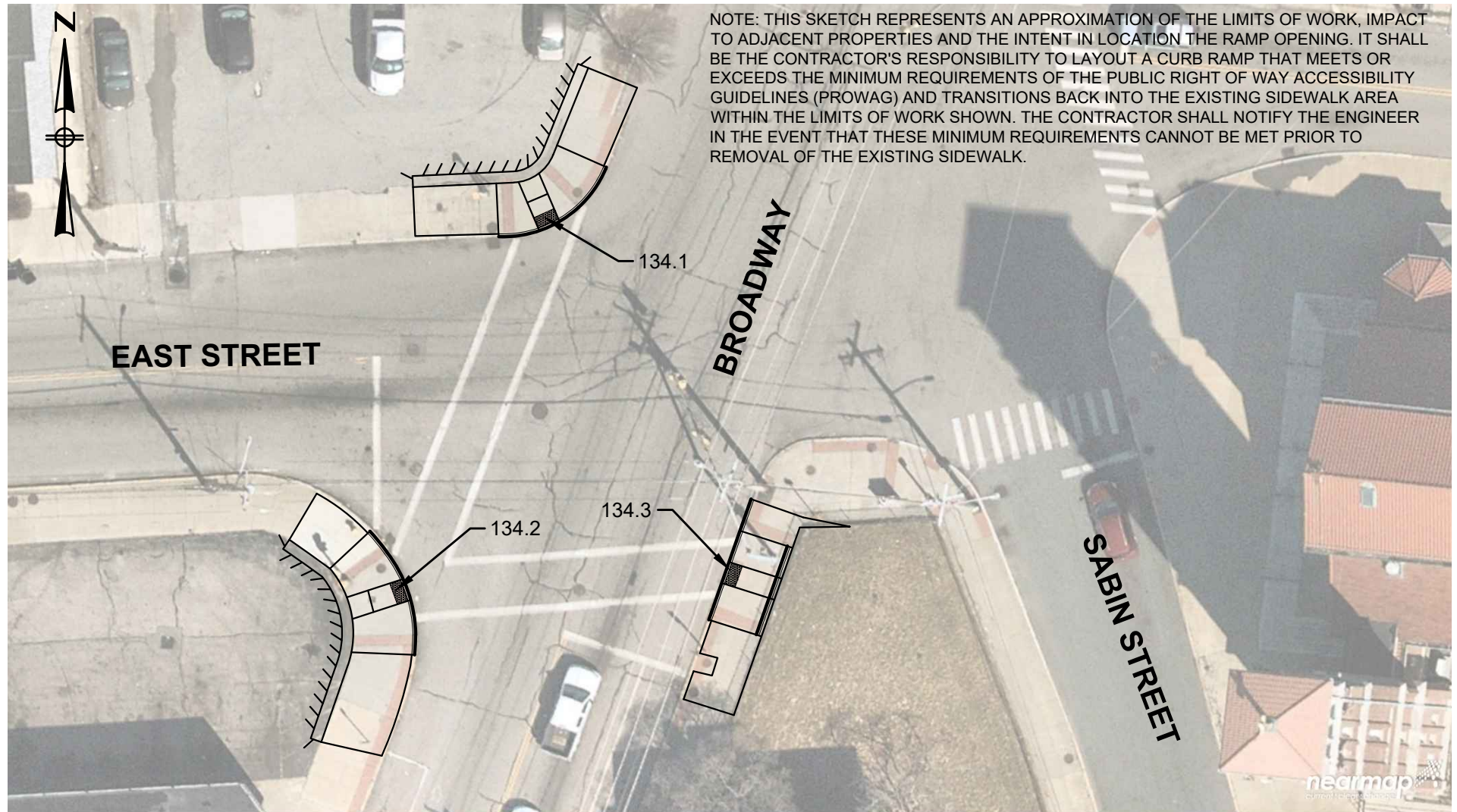
**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**

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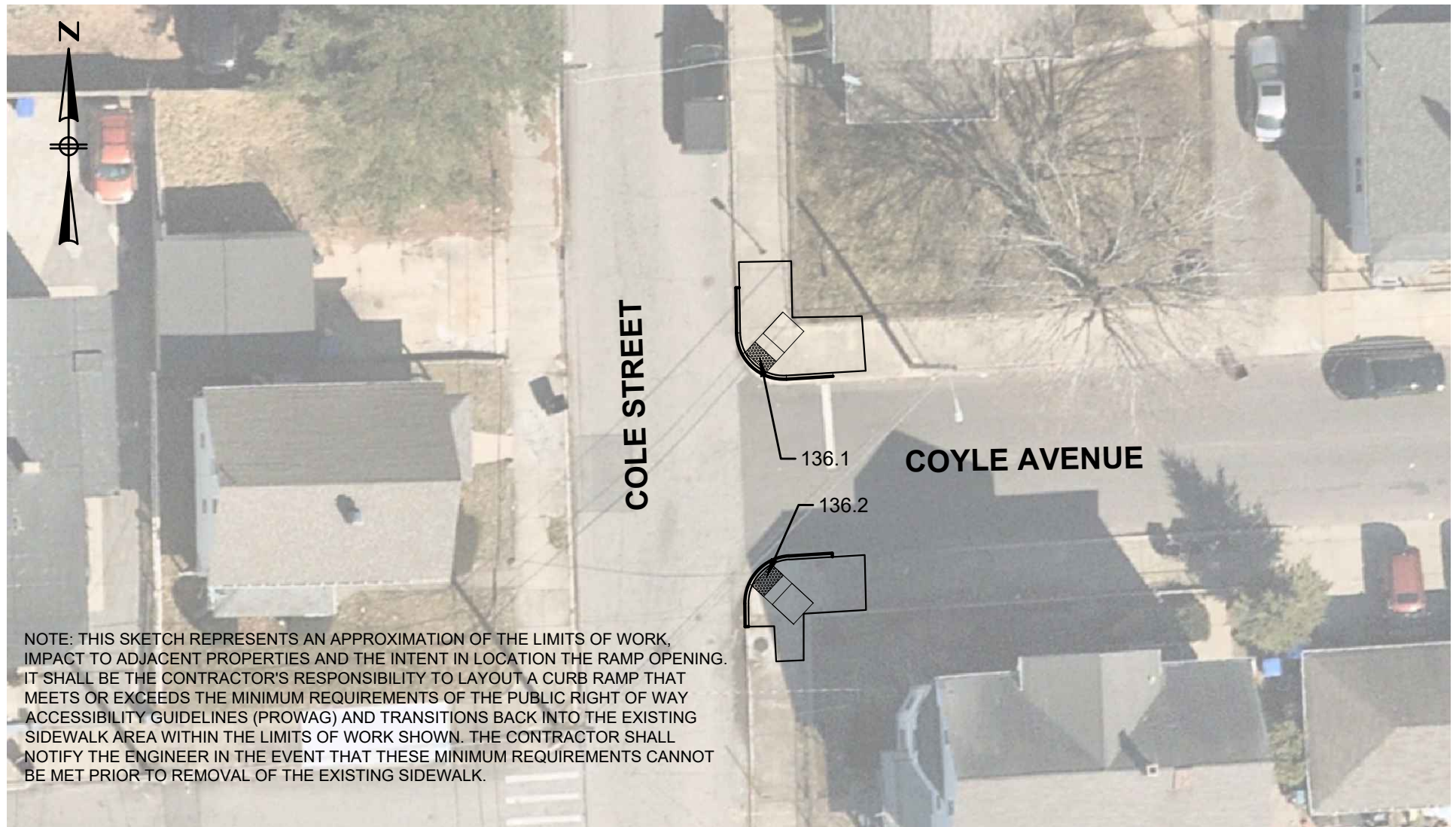
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CHARLES STREET**
PAWTUCKET, RI

**CITY WIDE SIDEWALK AND
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CONTRACT 1**
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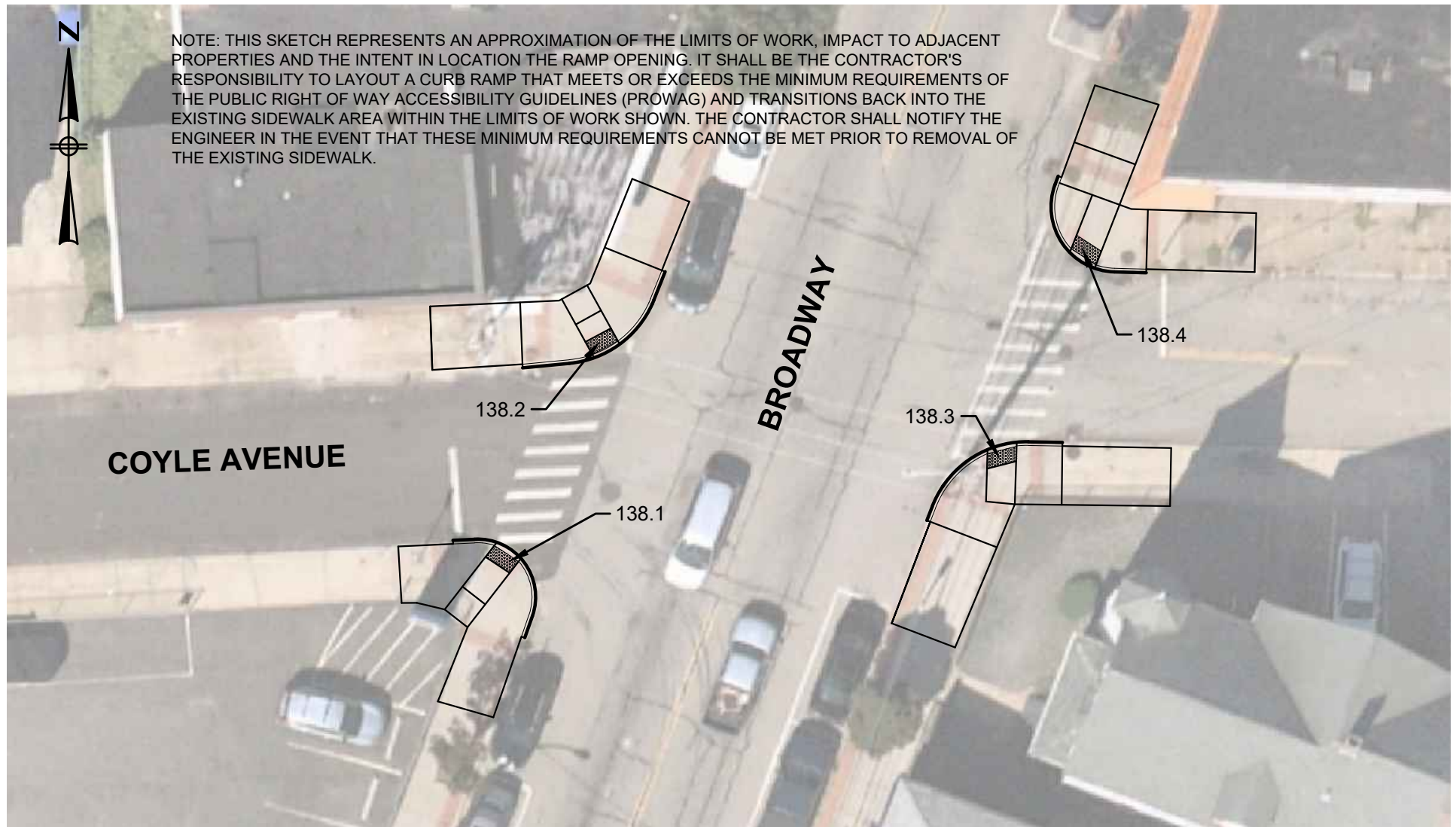
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AT BROADWAY**
PAWTUCKET, RI

**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**
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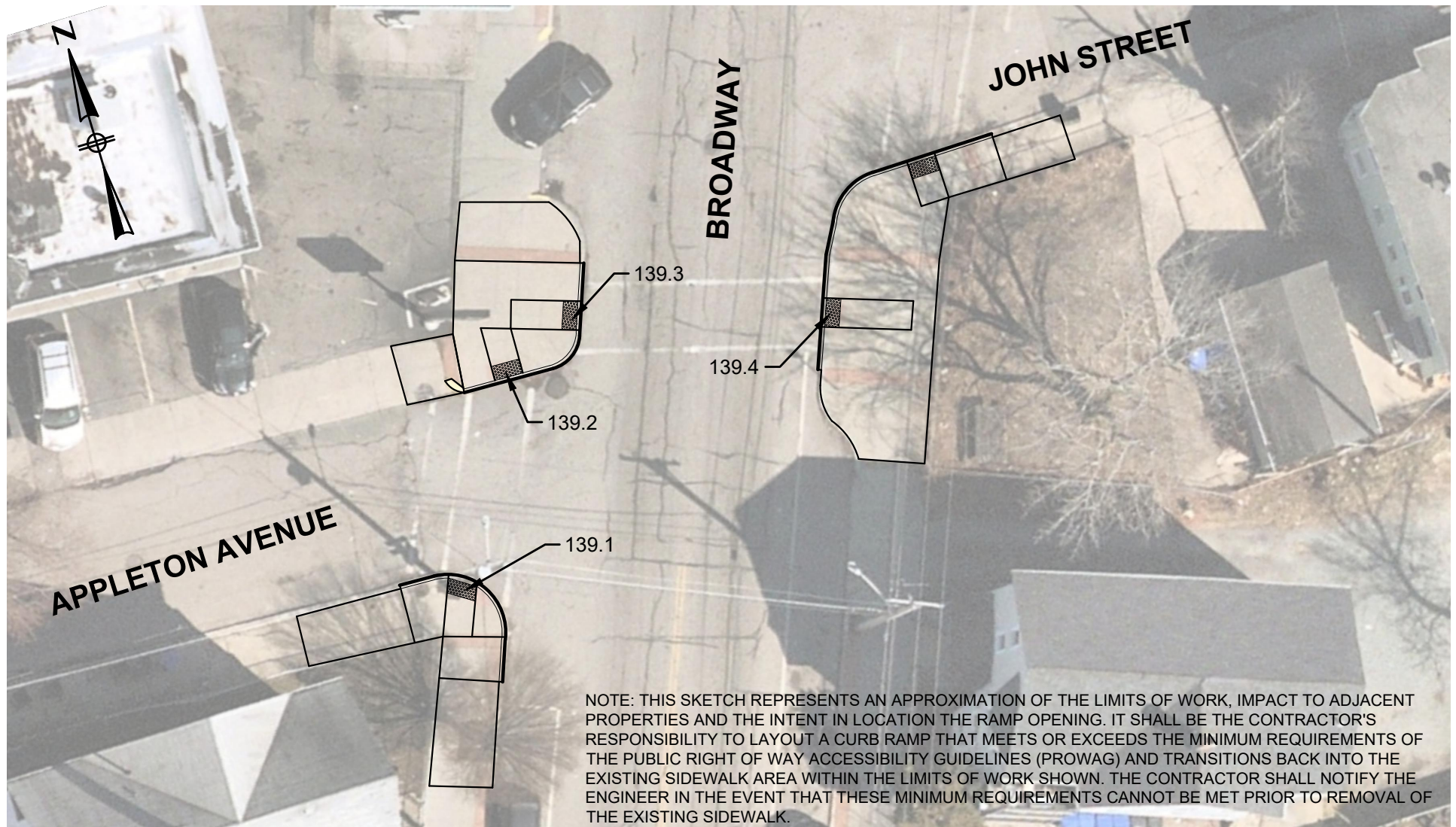
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AT COYLE AVENUE**
PAWTUCKET, RI

**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**
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**COYLE AVENUE
AT BROADWAY**
PAWTUCKET, RI

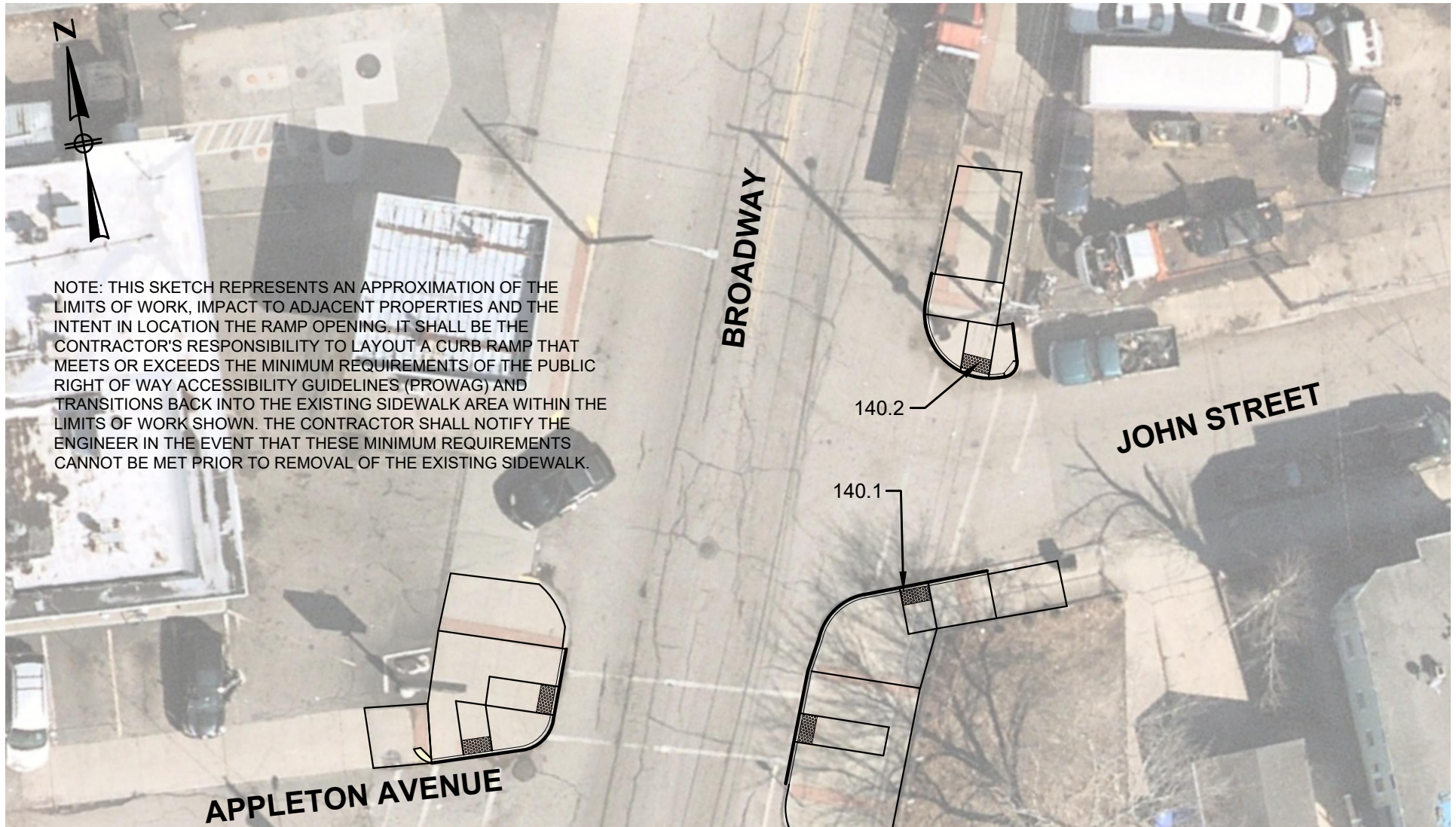
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ADA RAMP IMPROVEMENTS
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**APPLETON AVENUE AT
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PAWTUCKET, RI

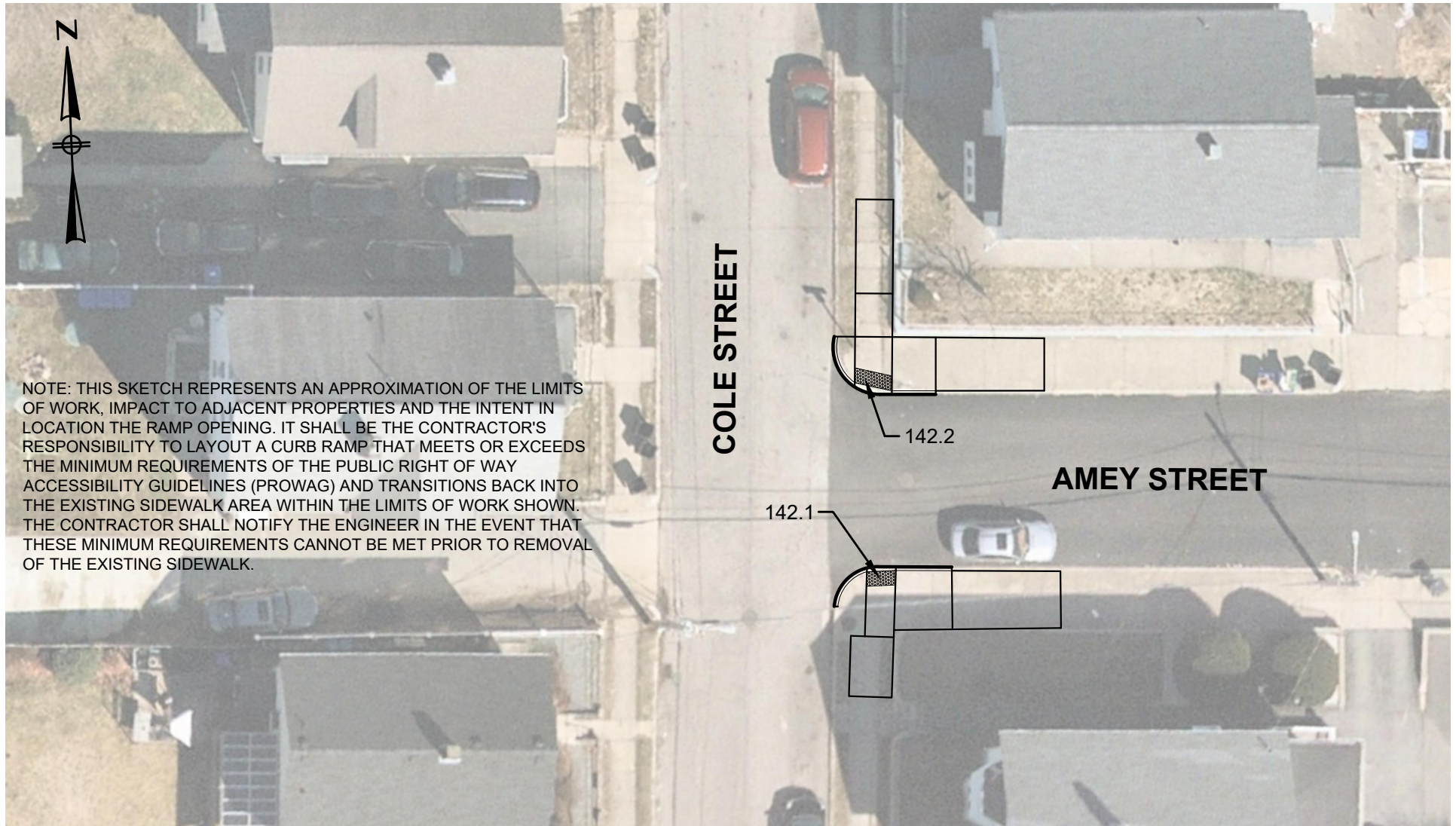
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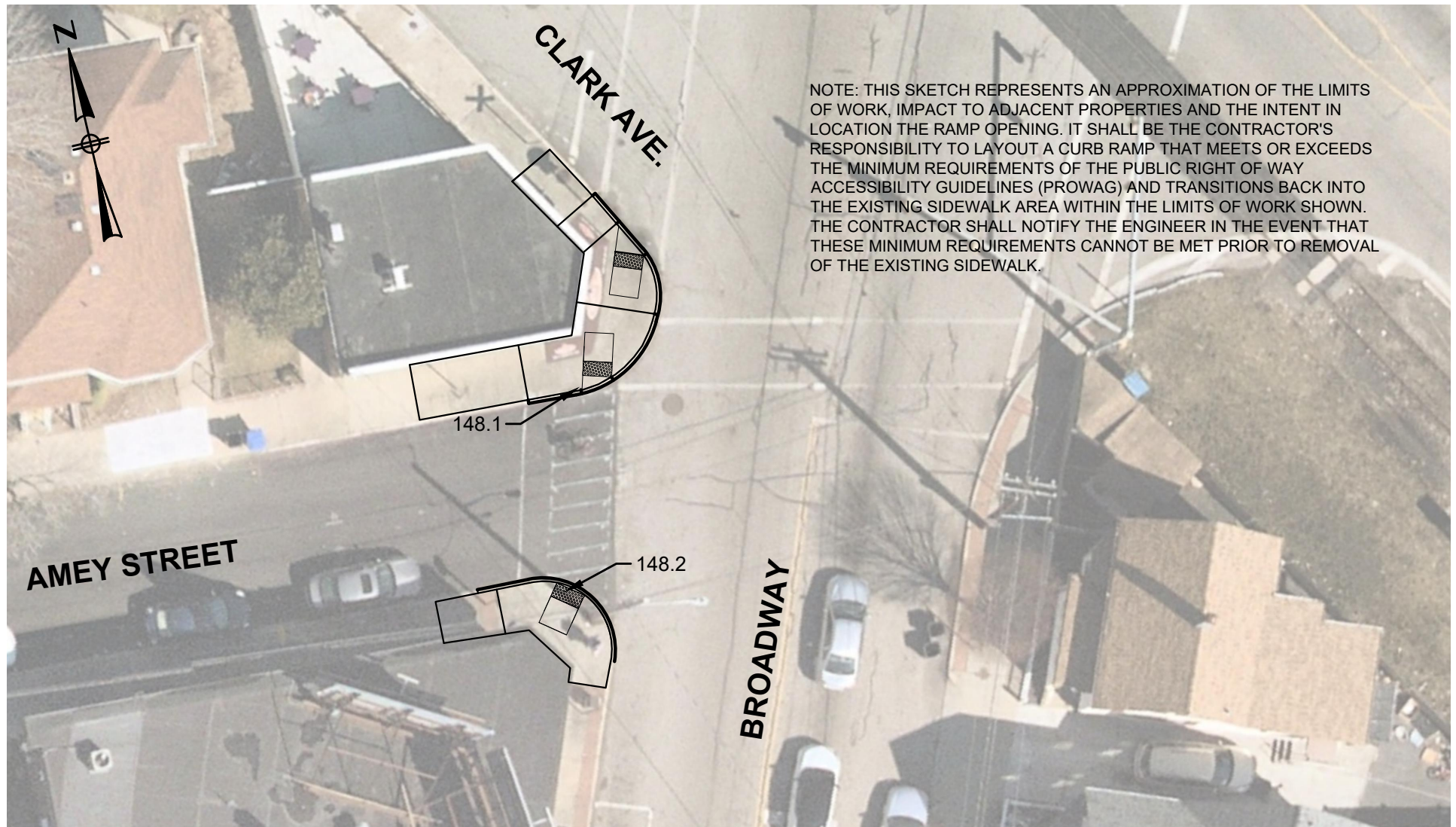
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AT BROADWAY**
PAWTUCKET, RI

**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**
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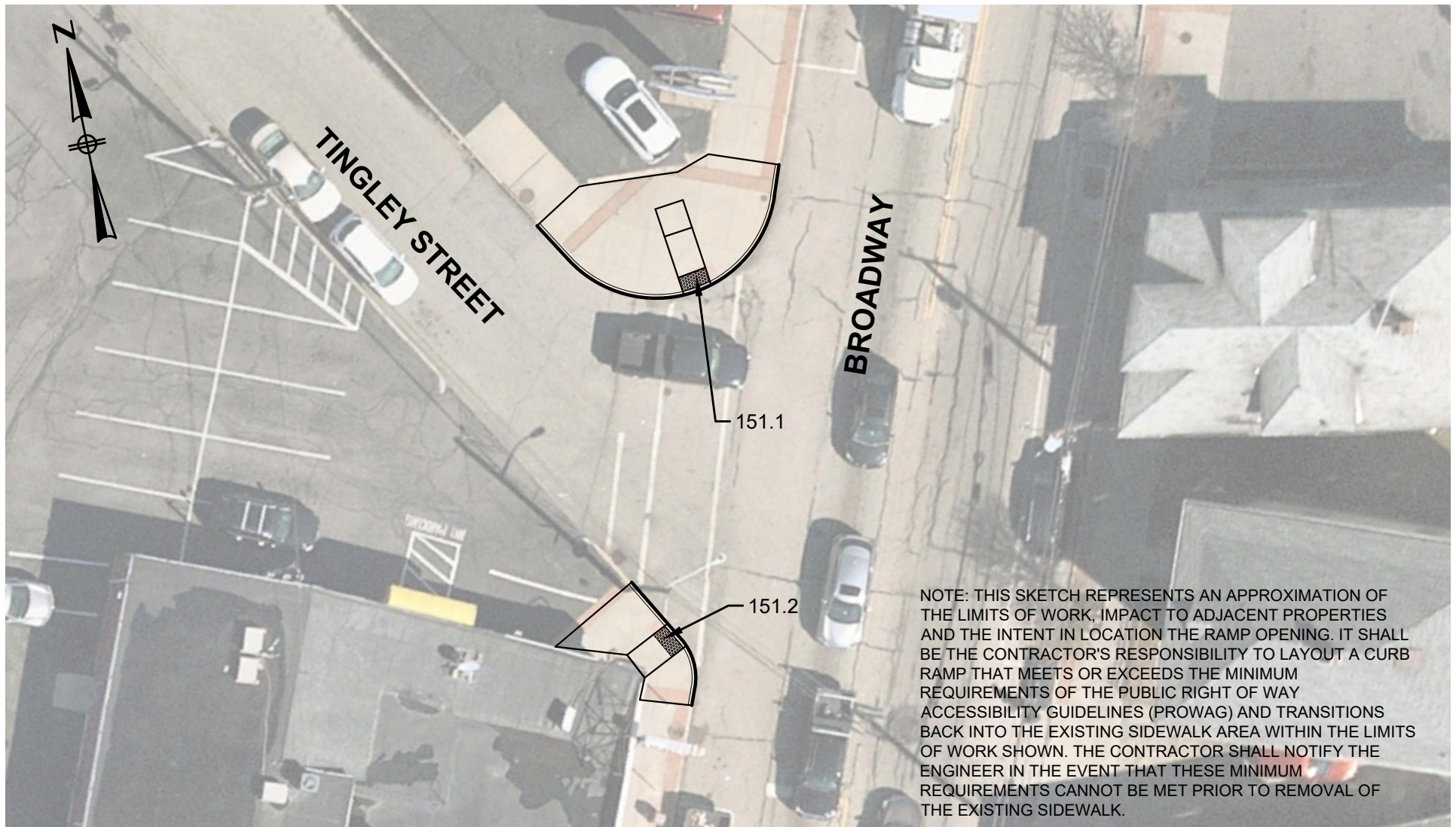
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AMEY STREET**
PAWTUCKET, RI

**CITY WIDE SIDEWALK AND
ADA RAMPIMPROVEMENTS
CONTRACT 1**
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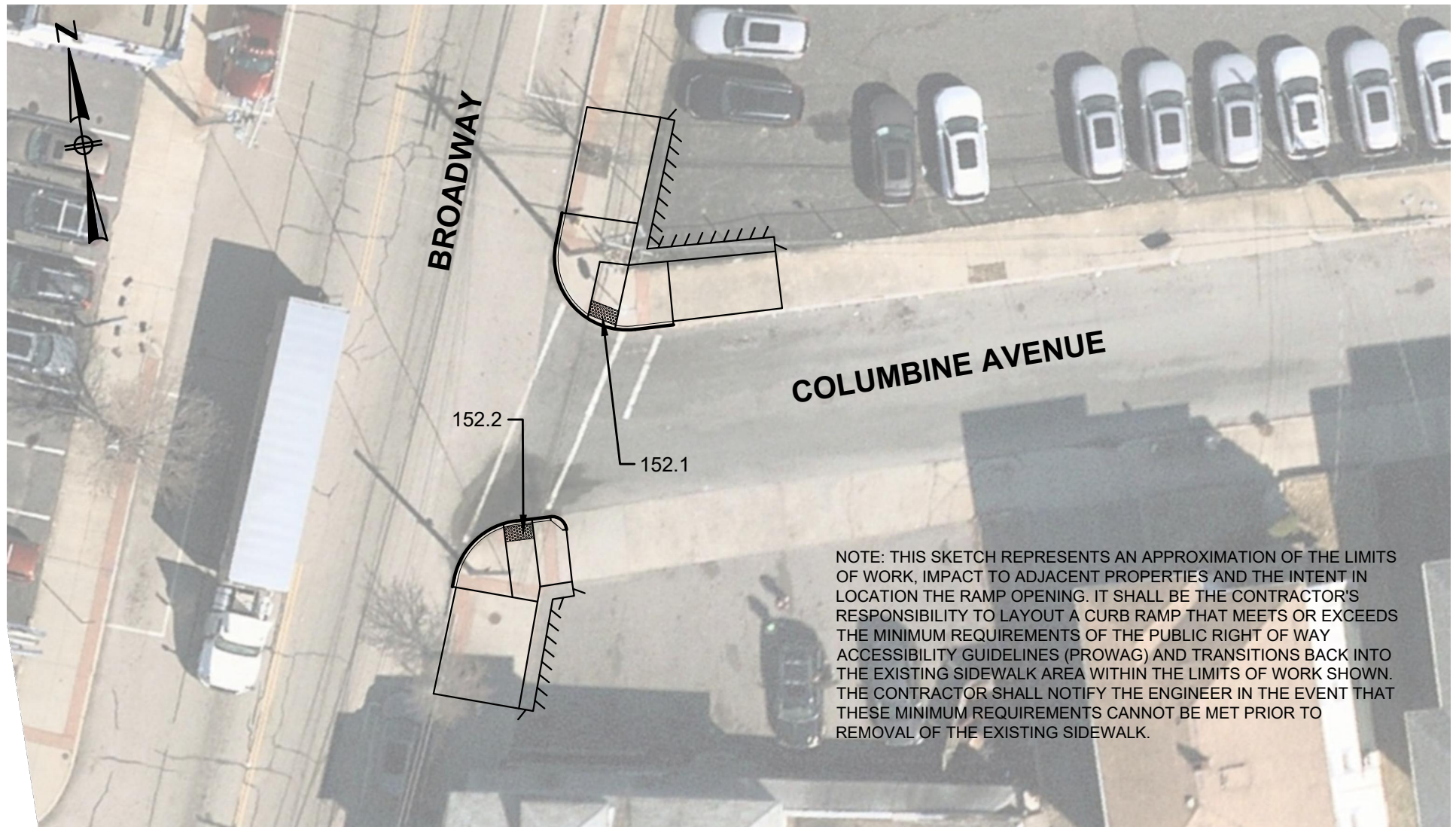
**AMEY STREET
AT BROADWAY**
PAWTUCKET, RI

**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS -
CONTRACT 1**
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**TINGLEY STREET
AT BROADWAY**
PAWTUCKET, RI

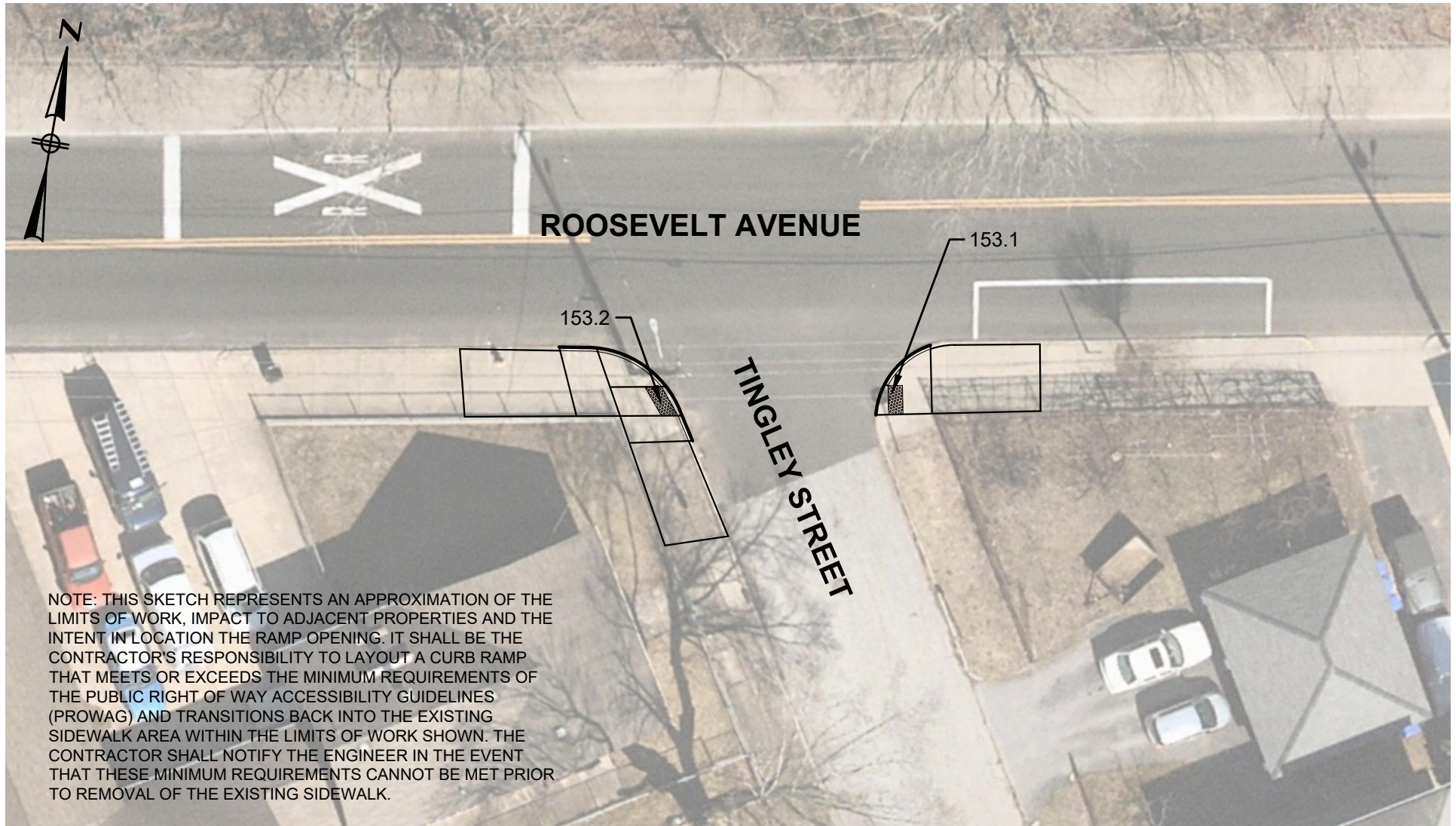
**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**
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**COLUMBINE AVNENUE
AT BROADWAY**
PAWTUCKET, RI

**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**

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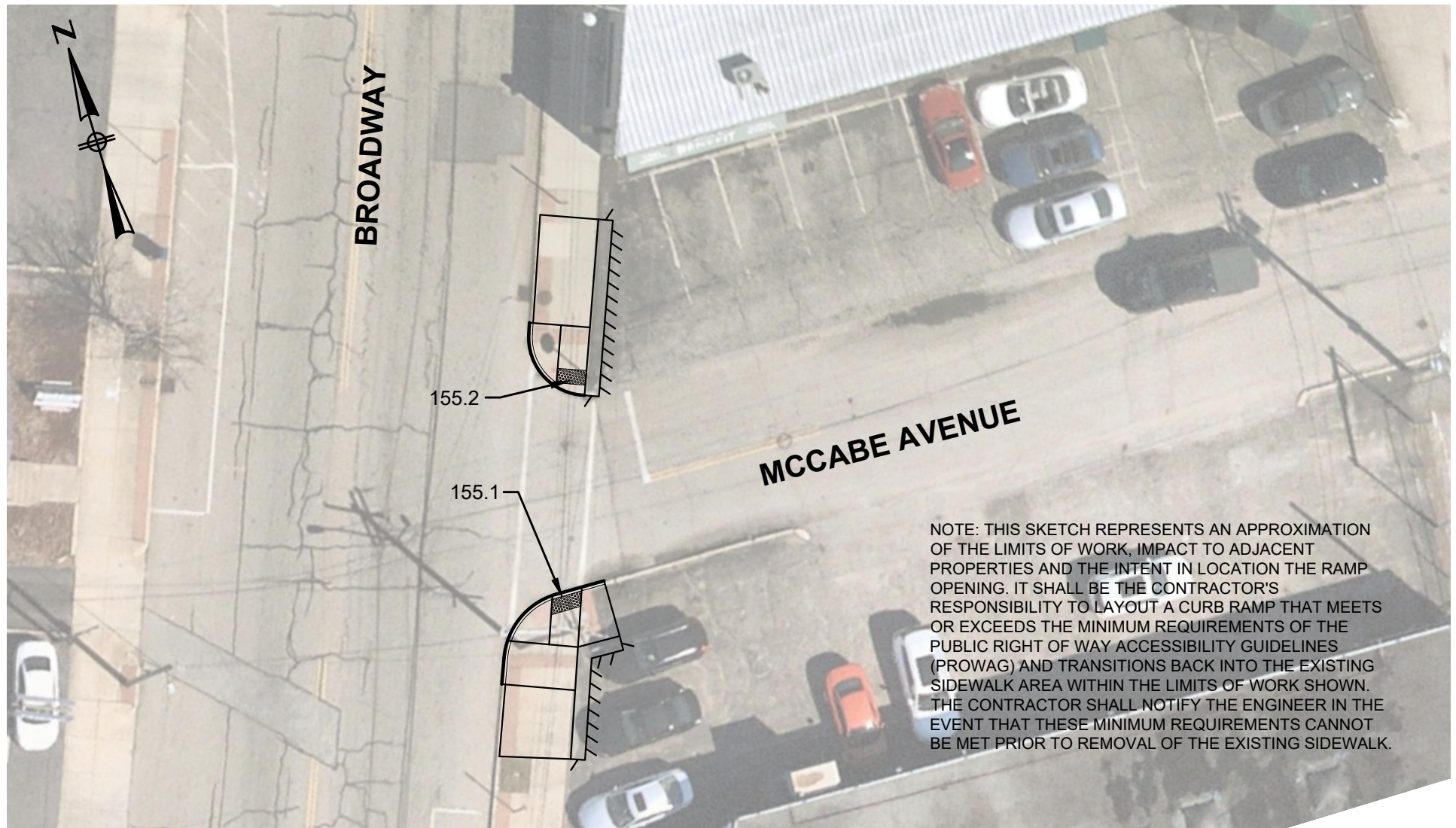


**TINGLEY STREET
AT ROOSEVELT AVENUE**

PAWTUCKET, RI

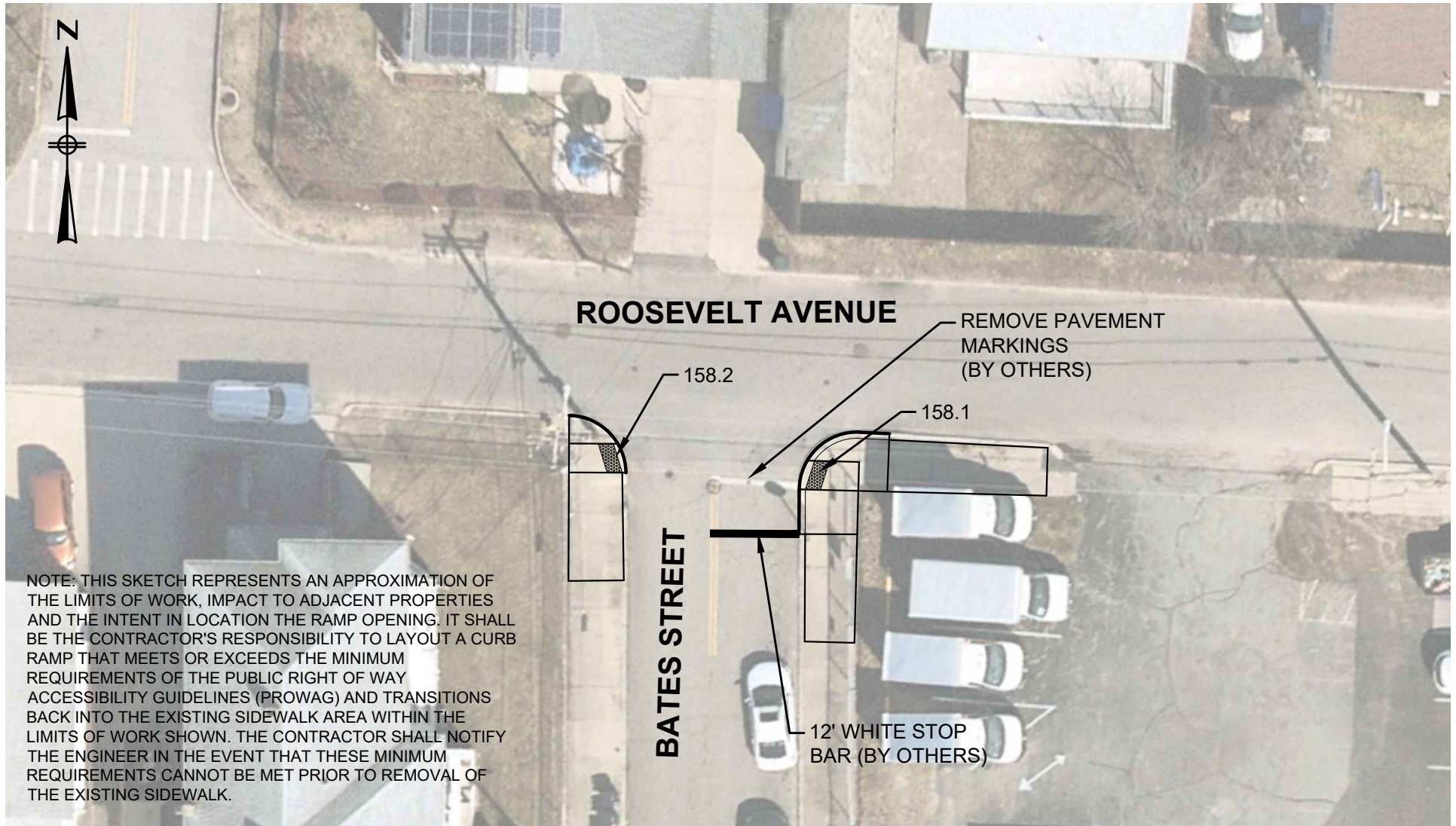
**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**

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**MCCABE AVENUE
AT BROADWAY**
PAWTUCKET, RI

**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**
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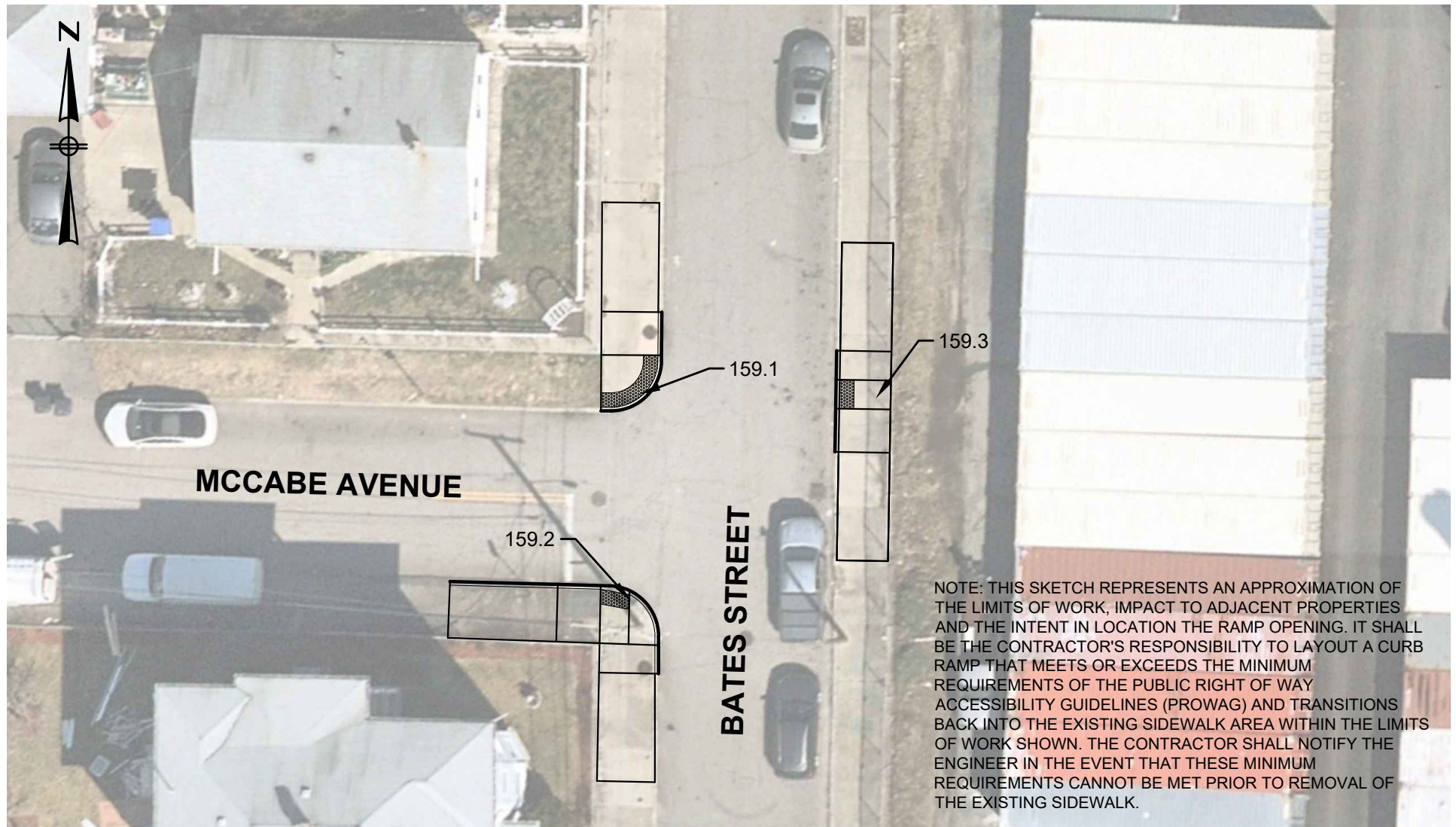


**BATES STREET
AT ROOSEVELT AVENUE**

PAWTUCKET, RI

**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**

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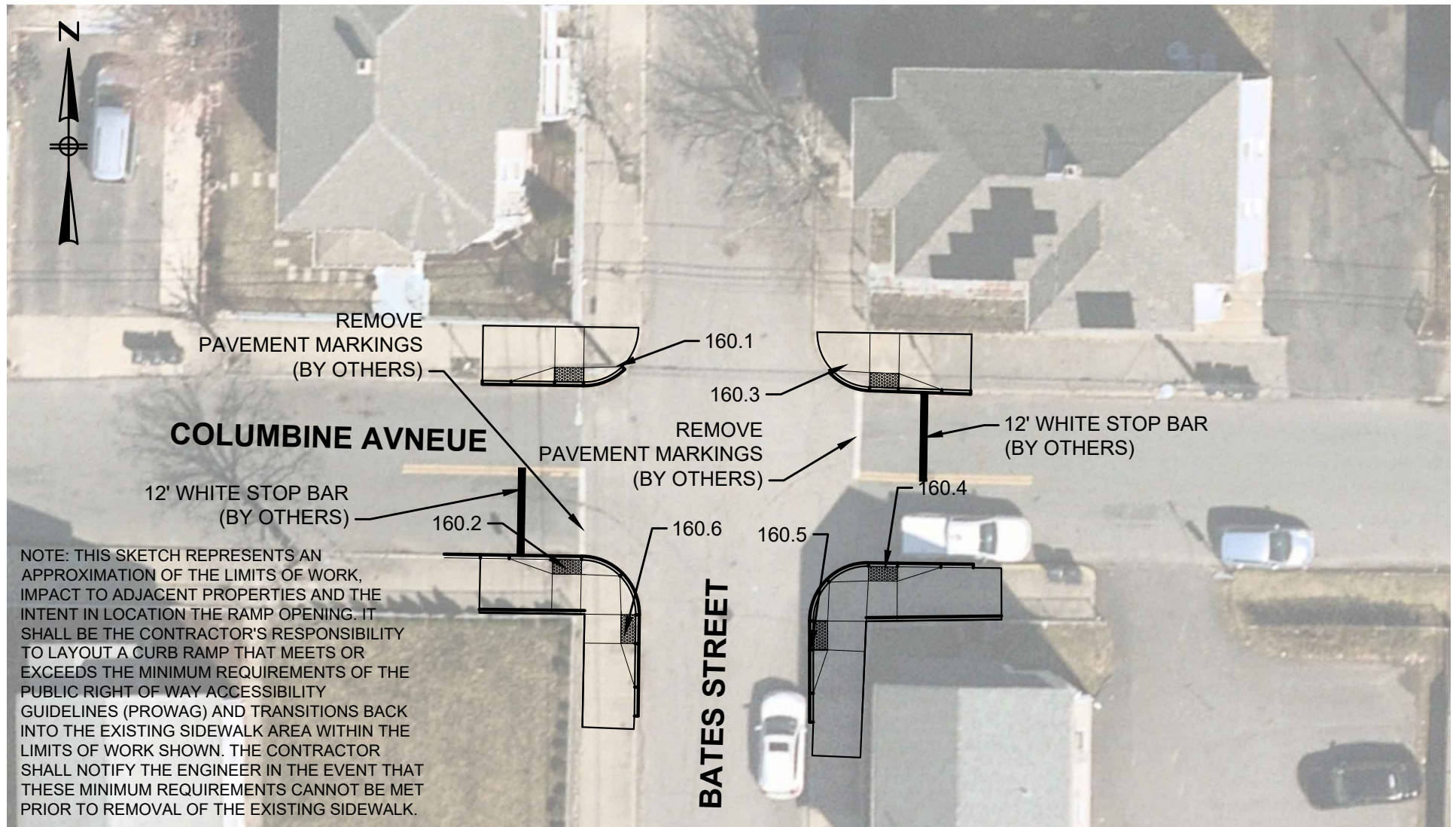


**MCCABE AVENUE
AT BATES STREET**

PAWTUCKET, RI

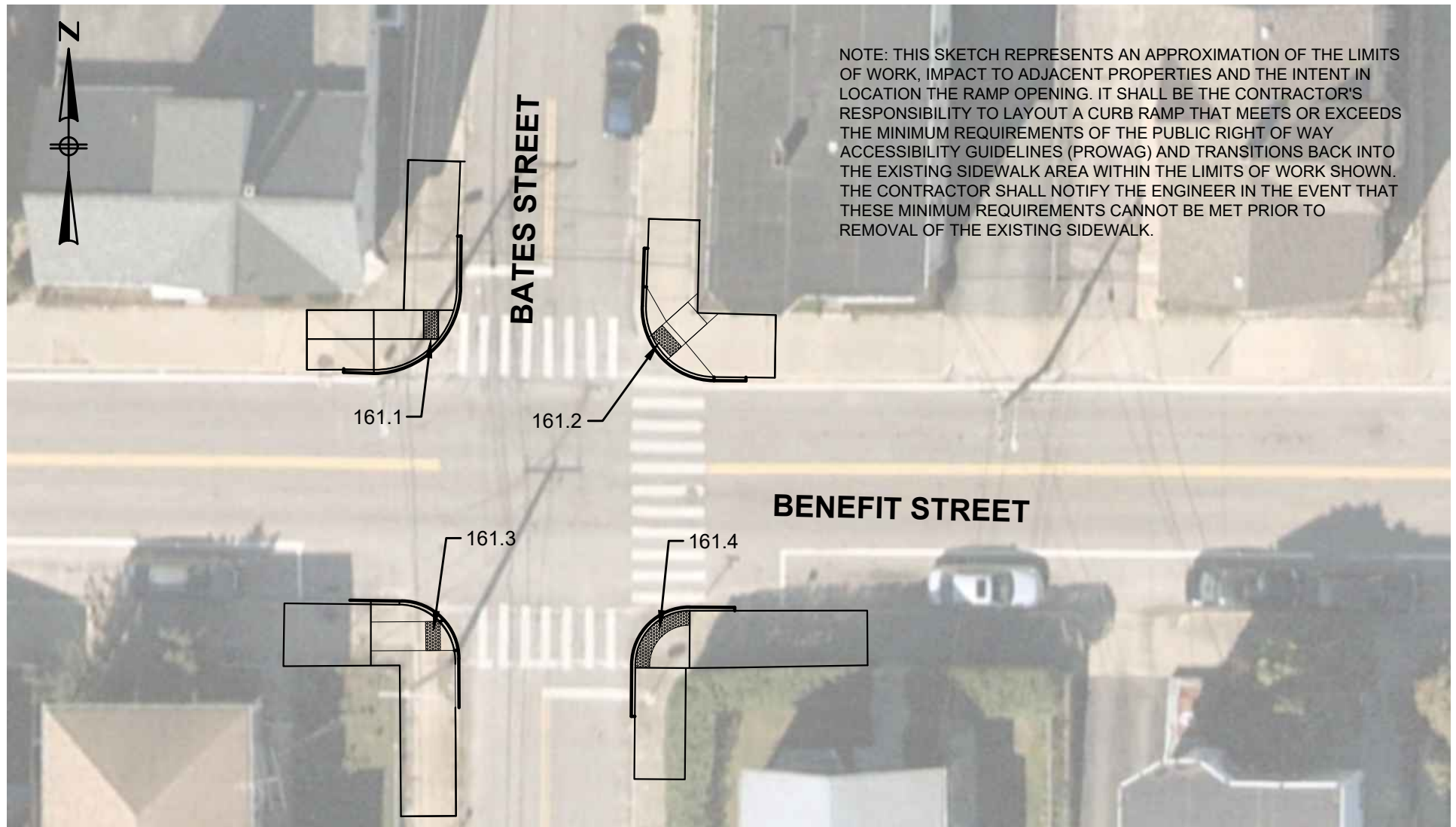
**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**

Scale = 1:20



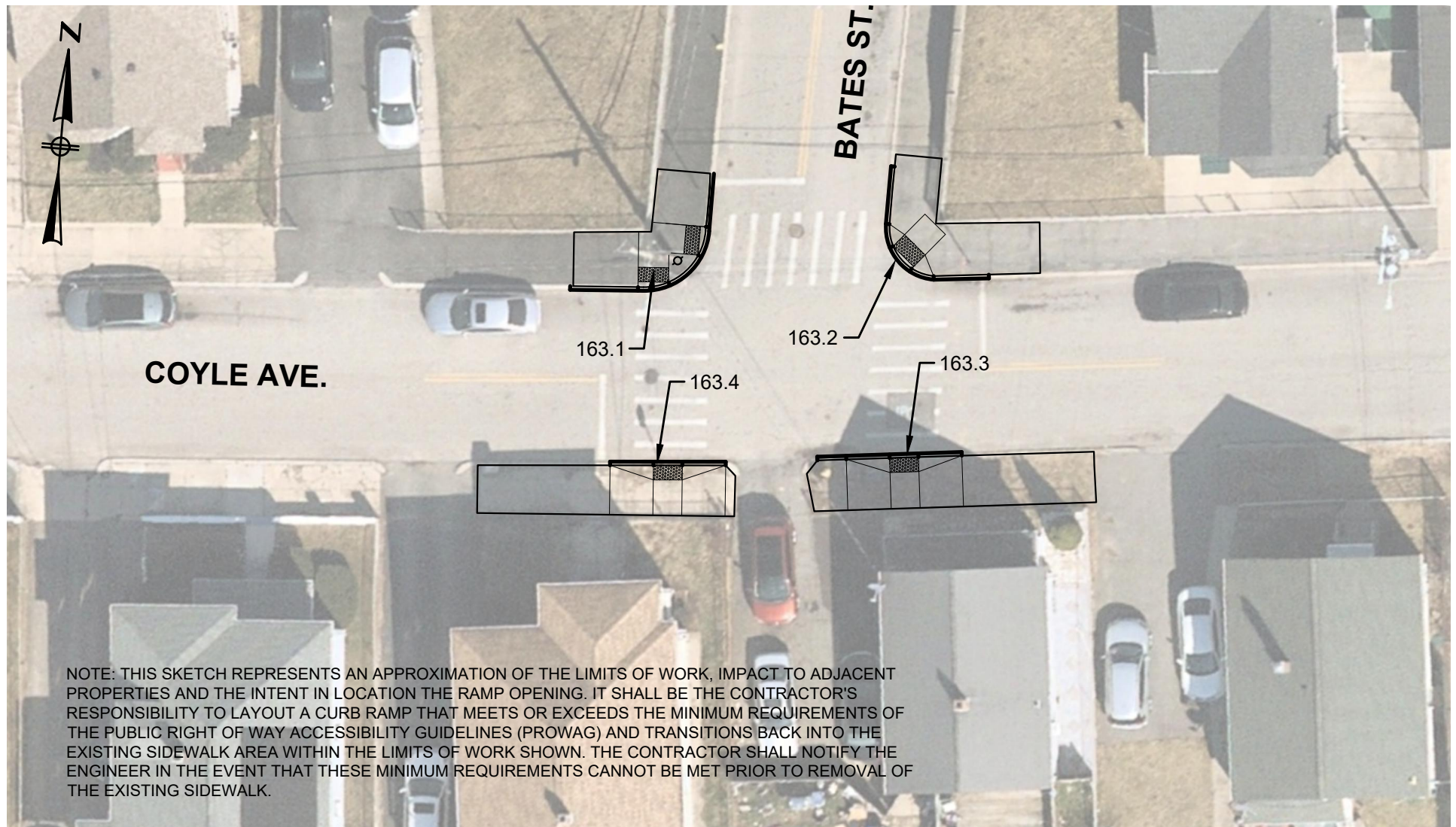
**COLUMBINE AVENUE
AT BATES STREET**
PAWTUCKET, RI

**SIDEWALK AND ADA
IMPROVEMENTS
CONTRACT 1**
Scale = 1:20



**BENEFIT STREET
AT BATES STREET**
PAWTUCKET, RI

**SIDEWALK AND ADA
IMPROVEMENTS
CONTRACT 1**
Scale = 1:20

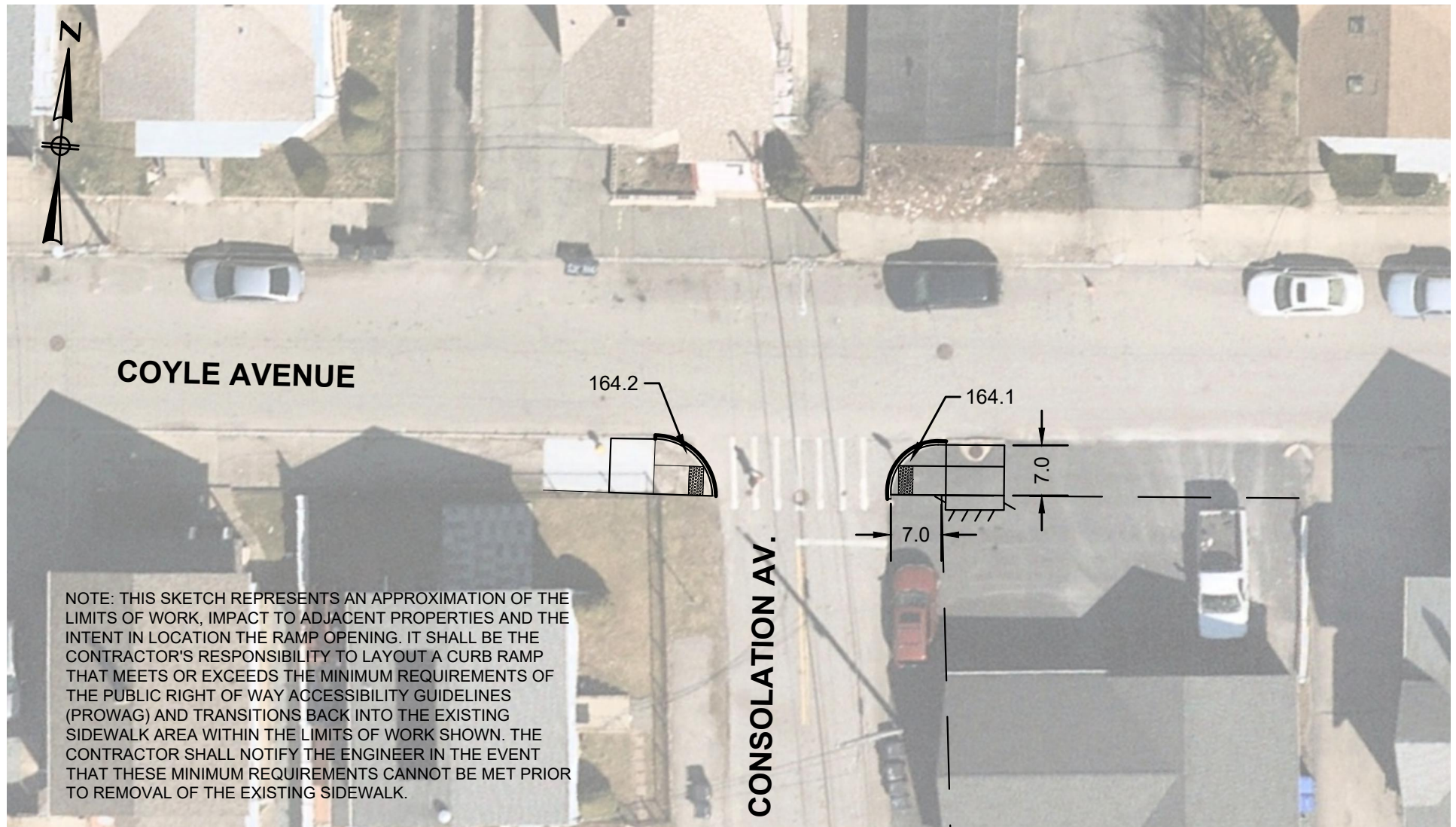


**BATES STREET
AT COYLE AVENUE**

PAWTUCKET, RI

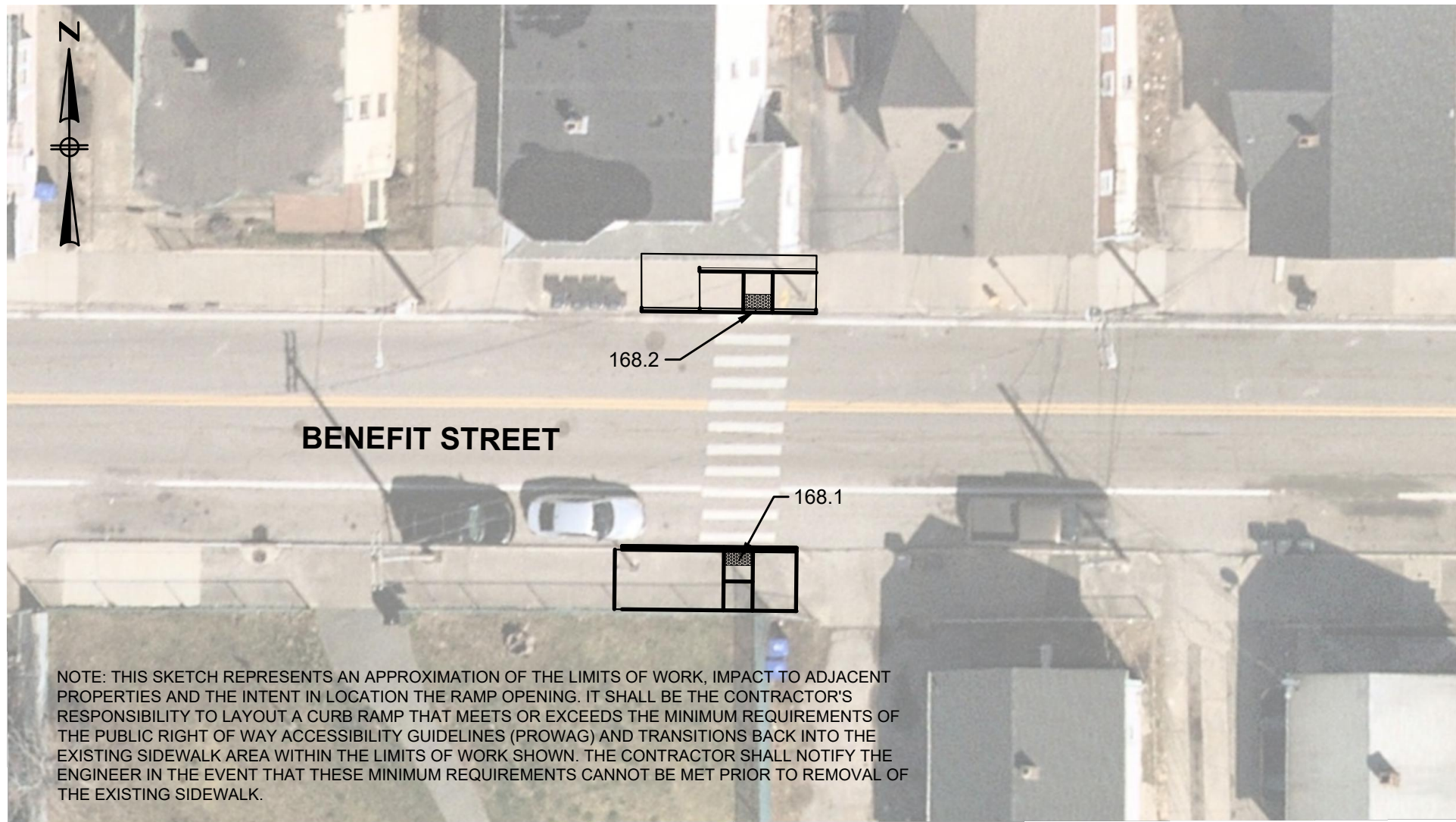
**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**

Scale = NTS



**CONSOLATION AVENUE
AT COYLE AVENUE**
PAWTUCKET, RI

**CITY WIDE SIDEWALK AND
ADA RAMP IMPROVEMENTS
CONTRACT 1**
Scale = NTS



BENEFIT STREET
PAWTUCKET, RI

**SIDEWALK AND ADA
IMPROVEMENTS
CONTRACT 1**
Scale = 1:20

Appendix I

Distribution of Quantities

ITEM CODE	ITEM DESCRIPTION	UNIT
BASE BID ITEMS		
201.0401	REMOVE AND DISPOSE GRANITE CURB	LF
201.0403	REMOVE AND DISPOSE SIDEWALKS	SY
201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	SY
201.9904	REMOVE AND SALVAGE GRANITE CURB, ALL TYPES	LF
202.0100	EARTH EXCAVATION	CY
302.0100	GRAVEL BORROW SUBBASE COURSE	CY
401.9901	CLASS 9.5 HMA FOR MISCELLANEOUS WORK	TON
707.0900	ADJUST MANHOLES TO GRADE	EACH
713.8269	ADJUST WATER GATE BOXES TO GRADE	EACH
713.8300	ADJUST GAS GATE BOXES TO GRADE	EACH
905.9901	4 INCH CEMENT CONCRETE SIDEWALK/WHEELCHAIR RAMPS	SY
905.9902	8 INCH CEMENT CONCRETE DRIVEWAY/WHEELCHAIR RAMP	SY
906.9901	FURNISH AND INSTALL GRANITE CURB STRAIGHT, CIRCULAR	LF
906.9903	FURNISH AND INSTALL GRANITE INLET OR APRON STONE - ALL SIZES AND TYPES	EACH
906.9904	FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP TRANSITION CURB	LF
906.9905	FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP STONE, STRAIGHT, CIRCULAR	LF
906.9906	INSTALL SALVAGED GRANITE CURB STRAIGHT, CIRCULAR	LF
906.9907	INSTALL CEMENT CONCRETE CURB PRECAST STRAIGHT , CIRCULAR STANDARD	LF
906.9909	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES	LF
915.0240	REMOVE AND RESET HIGHWAY BOUND (ALL TYPES)	EACH
932.9901	FULL-DEPTH SAWCUT OF PCC OR ASPHALT SIDEWALK/DRIVEWAY	LF
936.0100	MOBILIZATION AND DEMOBILIZATION	LS
942.0200	DETECTABLE WARNING PANEL STANDARD 48.1.0	SF
L01.9901	LOAM BORROW 4 INCHES DEEP & TYPE 2 SEEDING	SY
T05.1030	ADJUST HANDHOLE TO GRADE	EACH
ALLOWANCE ITEMS		
	POLICE DETAILS	LS
	INLET PROTECTION AND MAINTENANCE AND CLEANING OF EROSION CONTROLS	LS
ALTERNATE ITEMS		
905.9903	STAMPED AND COLORED CONCRETE PAVEMENT	CY

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -= CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

201.0401	REMOVE AND DISPOSE GRANITE CURB	LF
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	<u>QUANTITY</u>	LF
PROJECT WIDE	111	

	TOTAL	111 LF
201.0401	Total	111 LF

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

201.0403	REMOVE AND DISPOSE SIDEWALKS	<u>SY</u>
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	41.8	SY
132.2	26.6	
134.1	54.6	
134.2	61.7	
134.3	43.4	
136.1	22.2	
136.2	18.0	
138.1	32.4	
138.2	45.5	
138.3	51.7	
138.4	44.5	
139.1	46.3	
139.2	20.3	
139.3	35.8	
139.4	49.3	
140.1	35.0	
140.2	32.9	
142.1	34.7	
142.2	36.7	
148.1	32.6	
148.2	23.6	
149.1	22.6	
151.1	51.6	
151.2	16.7	
152.1	55.2	
152.2	37.2	
153.1	23.0	
153.2	46.7	
155.1	22.0	
155.2	29.0	
158.1	45.3	
158.2	18.8	
159.1	26.2	

SUBTOTAL	1183.8	SY
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS == CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

201.0403	REMOVE AND DISPOSE SIDEWALKS	<u>SY</u>
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	42.9	SY
159.3	38.1	
160.1	18.7	
160.2	15.8	
160.3	18.3	
160.4	19.6	
160.5	18.7	
160.6	16.3	
161.1	35.8	
161.2	28.1	
161.3	44.9	
161.4	42.2	
163.1	22.9	
163.2	24.4	
163.3	33.7	
163.4	29.6	
164.1	12.2	
164.2	11.6	
168.1	25.2	
168.2	22.0	

SUBTOTAL FROM PREVIOUS 1183.8

	<u>TOTAL</u>	<u>1704.8 SY</u>
201.0403	Total	1704.8 SY

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	SY
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	0.0	SY
132.2	0.0	
134.1	11.0	
134.2	10.7	
134.3	0.0	
136.1	0.0	
136.2	0.0	
138.1	7.4	
138.2	0.0	
138.3	0.0	
138.4	0.0	
139.1	0.0	
139.2	4.9	
139.3	7.2	
139.4	0.0	
140.1	0.0	
140.2	0.0	
142.1	0.0	
142.2	0.0	
148.1	0.0	
148.2	0.0	
149.1	0.0	
151.1	0.0	
151.2	0.0	
152.1	10.0	
152.2	9.0	
153.1	0.0	
153.2	0.0	
155.1	5.7	
155.2	7.0	
158.1	0.0	
158.2	0.0	
159.1	0.0	

SUBTOTAL	73.0	SY
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

201.0409	REMOVE AND DISPOSE SIDEWALKS	<u>SY</u>
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	0.0	SY
159.3	0.0	
160.1	0.0	
160.2	0.0	
160.3	0.0	
160.4	0.0	
160.5	0.0	
160.6	0.0	
161.1	0.0	
161.2	0.0	
161.3	0.0	
161.4	0.0	
163.1	0.0	
163.2	0.0	
163.3	0.0	
163.4	0.0	
164.1	3.0	
164.2	0.0	
168.1	0.0	
168.2	0.0	

SUBTOTAL FROM PREVIOUS 73.0

	<u>TOTAL</u>	<u>76.0 SY</u>
201.0409	Total	76.0 SY

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

201.9904	REMOVE AND SALVAGE GRANITE CURB, ALL TYPES	LF
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	4.0	LF
132.2	4.0	
134.1	4.0	
134.2	4.0	
134.3	4.0	
136.1	4.0	
136.2	4.0	
138.1	4.0	
138.2	4.0	
138.3	4.0	
138.4	4.0	
139.1	4.0	
139.2	4.0	
139.3	4.0	
139.4	4.0	
140.1	4.0	
140.2	4.0	
142.1	4.0	
142.2	4.0	
148.1	4.0	
148.2	4.0	
149.1	4.0	
151.1	4.0	
151.2	4.0	
152.1	4.0	
152.2	4.0	
153.1	4.0	
153.2	4.0	
155.1	4.0	
155.2	4.0	
158.1	4.0	
158.2	4.0	
159.1	4.0	

SUBTOTAL	132.0	LF
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS == CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

201.0409	REMOVE AND DISPOSE SIDEWALKS	<u>SY</u>
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	4.0	SY
159.3	4.0	
160.1	4.0	
160.2	4.0	
160.3	4.0	
160.4	4.0	
160.5	4.0	
160.6	4.0	
161.1	4.0	
161.2	4.0	
161.3	4.0	
161.4	4.0	
163.1	4.0	
163.2	4.0	
163.3	4.0	
163.4	4.0	
164.1	4.0	
164.2	4.0	
168.1	4.0	
168.2	4.0	

SUBTOTAL FROM PREVIOUS 132.0

	<u>TOTAL</u>	<u>212.0 SY</u>
201.0409	Total	212.0 SY

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

202.0100	EARTH EXCAVATION	CY
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	2.1	CY
132.2	1.3	
134.1	2.8	
134.2	3.1	
134.3	2.2	
136.1	1.1	
136.2	0.9	
138.1	1.6	
138.2	2.3	
138.3	2.6	
138.4	2.2	
139.1	2.3	
139.2	1.0	
139.3	1.8	
139.4	2.5	
140.1	1.8	
140.2	1.7	
142.1	1.8	
142.2	1.9	
148.1	1.6	
148.2	1.2	
149.1	1.1	
151.1	2.6	
151.2	0.8	
152.1	2.8	
152.2	1.9	
153.1	1.2	
153.2	2.4	
155.1	1.1	
155.2	1.5	
158.1	2.3	
158.2	1.0	
159.1	1.3	

SUBTOTAL	59.8	CY
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS == CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

202.0100	EARTH EXCAVATION	<u>CY</u>
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	2.2	CY
159.3	1.9	
160.1	0.9	
160.2	0.8	
160.3	0.9	
160.4	1.0	
160.5	0.9	
160.6	0.8	
161.1	1.8	
161.2	1.4	
161.3	2.3	
161.4	2.1	
163.1	1.2	
163.2	1.2	
163.3	1.7	
163.4	1.5	
164.1	0.6	
164.2	0.6	
168.1	1.3	
168.2	1.1	

SUBTOTAL FROM PREVIOUS 59.8

	<u>TOTAL</u>	<u>86.1 CY</u>
202.0100	Total	86.1 CY

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

302.0100	GRAVEL BORROW SUBBASE COURSE	CY
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	2.1	CY
132.2	1.3	
134.1	2.8	
134.2	3.1	
134.3	2.2	
136.1	1.1	
136.2	0.9	
138.1	1.6	
138.2	2.3	
138.3	2.6	
138.4	2.2	
139.1	2.3	
139.2	1.0	
139.3	1.8	
139.4	2.5	
140.1	1.8	
140.2	1.7	
142.1	1.8	
142.2	1.9	
148.1	1.6	
148.2	1.2	
149.1	1.1	
151.1	2.6	
151.2	0.8	
152.1	2.8	
152.2	1.9	
153.1	1.2	
153.2	2.4	
155.1	1.1	
155.2	1.5	
158.1	2.3	
158.2	1.0	
159.1	1.3	

SUBTOTAL	59.8	CY
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS == CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

302.0100**GRAVEL BORROW SUBBASE COURSE****CY**

<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	2.2	CY
159.3	1.9	
160.1	0.9	
160.2	0.8	
160.3	0.9	
160.4	1.0	
160.5	0.9	
160.6	0.8	
161.1	1.8	
161.2	1.4	
161.3	2.3	
161.4	2.1	
163.1	1.2	
163.2	1.2	
163.3	1.7	
163.4	1.5	
164.1	0.6	
164.2	0.6	
168.1	1.3	
168.2	1.1	

SUBTOTAL FROM PREVIOUS 59.8

	<u>TOTAL</u>	<u>86.1 CY</u>
302.0100	Total	86.1 CY

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

401.9901	CLASS 9.5 HMA FOR MISCELLANEOUS WORK	TON
<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	0.0	TON
132.2	0.0	
134.1	2.5	
134.2	2.4	
134.3	0.0	
136.1	0.0	
136.2	0.0	
138.1	1.6	
138.2	0.0	
138.3	0.0	
138.4	0.0	
139.1	0.0	
139.2	1.1	
139.3	1.6	
139.4	0.0	
140.1	0.0	
140.2	0.0	
142.1	0.0	
142.2	0.0	
148.1	0.0	
148.2	0.0	
149.1	0.0	
151.1	0.0	
151.2	0.0	
152.1	2.2	
152.2	2.0	
153.1	0.0	
153.2	0.0	
155.1	1.3	
155.2	1.6	
158.1	0.0	
158.2	0.0	
159.1	0.0	
SUBTOTAL		16.4 TON

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS == CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

401.9901	CLASS 9.5 HMA FOR MISCELLANEOUS WORK	<u>TON</u>
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	0.0	TON
159.3	0.0	
160.1	0.0	
160.2	0.0	
160.3	0.0	
160.4	0.0	
160.5	0.0	
160.6	0.0	
161.1	0.0	
161.2	0.0	
161.3	0.0	
161.4	0.0	
163.1	0.0	
163.2	0.0	
163.3	0.0	
163.4	0.0	
164.1	0.7	
164.2	0.0	
168.1	0.0	
168.2	0.0	

SUBTOTAL FROM PREVIOUS 16.4

	<u>TOTAL</u>	<u>17.0 TON</u>
401.9901	Total	17.0 TON

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

707.0900	ADJUST MANHOLES TO GRADE	EACH
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	0.0	EACH
132.2	1.0	
134.1	1.0	
134.2	0.0	
134.3	0.0	
136.1	0.0	
136.2	0.0	
138.1	1.0	
138.2	1.0	
138.3	1.0	
138.4	2.0	
139.1	1.0	
139.2	0.0	
139.3	0.0	
139.4	1.0	
140.1	1.0	
140.2	0.0	
142.1	0.0	
142.2	0.0	
148.1	0.0	
148.2	0.0	
149.1	1.0	
151.1	1.0	
151.2	1.0	
152.1	1.0	
152.2	0.0	
153.1	0.0	
153.2	0.0	
155.1	1.0	
155.2	0.0	
158.1	1.0	
158.2	0.0	
159.1	1.0	

SUBTOTAL	17.0	EACH
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

707.0900	ADJUST MANHOLES TO GRADE	EACH
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	1.0	EACH
159.3	0.0	
160.1	0.0	
160.2	0.0	
160.3	0.0	
160.4	0.0	
160.5	0.0	
160.6	0.0	
161.1	1.0	
161.2	0.0	
161.3	0.0	
161.4	0.0	
163.1	0.0	
163.2	0.0	
163.3	0.0	
163.4	0.0	
164.1	1.0	
164.2	0.0	
168.1	0.0	
168.2	0.0	

SUBTOTAL FROM PREVIOUS 17.0

	<u>TOTAL</u>	<u>20.0 EACH</u>
707.0900	Total	20.0 EACH

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

713.8269	ADJUST WATER GATE BOXES TO GRADE	EACH
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	0.0	EACH
132.2	0.0	
134.1	0.0	
134.2	0.0	
134.3	0.0	
136.1	0.0	
136.2	0.0	
138.1	0.0	
138.2	0.0	
138.3	0.0	
138.4	0.0	
139.1	0.0	
139.2	0.0	
139.3	0.0	
139.4	0.0	
140.1	0.0	
140.2	0.0	
142.1	0.0	
142.2	0.0	
148.1	0.0	
148.2	0.0	
149.1	0.0	
151.1	0.0	
151.2	0.0	
152.1	0.0	
152.2	0.0	
153.1	0.0	
153.2	0.0	
155.1	0.0	
155.2	0.0	
158.1	0.0	
158.2	0.0	
159.1	0.0	

SUBTOTAL	0.0	EACH
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS == CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

713.8269	ADJUST WATER GATE BOXES TO GRADE	EACH
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	0.0	EACH
159.3	0.0	
160.1	0.0	
160.2	0.0	
160.3	0.0	
160.4	1.0	
160.5	0.0	
160.6	0.0	
161.1	0.0	
161.2	0.0	
161.3	0.0	
161.4	0.0	
163.1	0.0	
163.2	0.0	
163.3	2.0	
163.4	1.0	
164.1	0.0	
164.2	0.0	
168.1	0.0	
168.2	2.0	

SUBTOTAL FROM PREVIOUS 0.0

	<u>TOTAL</u>	<u>6.0 EACH</u>
713.8269	Total	6.0 EACH

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

713.8269	ADJUST WATER GATE BOXES TO GRADE	EACH
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	0.0	EACH
132.2	0.0	
134.1	1.0	
134.2	0.0	
134.3	0.0	
136.1	0.0	
136.2	0.0	
138.1	0.0	
138.2	0.0	
138.3	0.0	
138.4	0.0	
139.1	0.0	
139.2	0.0	
139.3	0.0	
139.4	0.0	
140.1	0.0	
140.2	0.0	
142.1	0.0	
142.2	0.0	
148.1	0.0	
148.2	0.0	
149.1	0.0	
151.1	0.0	
151.2	0.0	
152.1	0.0	
152.2	0.0	
153.1	0.0	
153.2	0.0	
155.1	0.0	
155.2	0.0	
158.1	0.0	
158.2	0.0	
159.1	0.0	

SUBTOTAL	1.0	EACH
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

713.8300	ADJUST GAS GATE BOXES TO GRADE	EACH
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	0.0	EACH
159.3	0.0	
160.1	0.0	
160.2	0.0	
160.3	0.0	
160.4	0.0	
160.5	0.0	
160.6	0.0	
161.1	0.0	
161.2	0.0	
161.3	0.0	
161.4	0.0	
163.1	0.0	
163.2	0.0	
163.3	0.0	
163.4	0.0	
164.1	0.0	
164.2	0.0	
168.1	0.0	
168.2	1.0	

SUBTOTAL FROM PREVIOUS 1.0

	<u>TOTAL</u>	<u>2.0 EACH</u>
713.8300	Total	2.0 EACH

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

905.9901	4 INCH CEMENT CONCRETE SIDEWALK/WHEELCHAIR RAMPS	SY
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	28.0	SY
132.2	13.0	
134.1	38.0	
134.2	42.0	
134.3	25.0	
136.1	9.0	
136.2	4.0	
138.1	17.0	
138.2	32.0	
138.3	39.0	
138.4	22.0	
139.1	28.0	
139.2	6.0	
139.3	19.0	
139.4	26.0	
140.1	12.0	
140.2	14.0	
142.1	20.0	
142.2	23.0	
148.1	15.0	
148.2	6.0	
149.1	8.0	
151.1	36.0	
151.2	-1.0	
152.1	36.0	
152.2	23.0	
153.1	5.0	
153.2	32.0	
155.1	9.0	
155.2	15.0	
158.1	32.0	
158.2	6.0	
159.1	13.0	

SUBTOTAL	652.0	SY
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

905.9901	4 INCH CEMENT CONCRETE SIDEWALK/WHEELCHAIR RAMPS	SY
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	30.0	SY
159.3	25.0	
160.1	5.0	
160.2	3.0	
160.3	5.0	
160.4	6.0	
160.5	6.0	
160.6	3.0	
161.1	21.0	
161.2	15.0	
161.3	32.0	
161.4	26.0	
163.1	10.0	
163.2	11.0	
163.3	20.0	
163.4	15.0	
164.1	-3.0	
164.2	-3.0	
168.1	10.0	
168.2	7.0	

SUBTOTAL FROM PREVIOUS 652.0

	<u>TOTAL</u>	<u>896.0 SY</u>
905.9901	Total	896.0 SY

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

905.9902	8 INCH CEMENT CONCRETE DRIVEWAY/WHEELCHAIR RAMP	SY
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	14.0	SY
132.2	14.0	
134.1	16.0	
134.2	19.0	
134.3	17.0	
136.1	13.0	
136.2	13.0	
138.1	15.0	
138.2	13.0	
138.3	13.0	
138.4	21.0	
139.1	17.0	
139.2	14.0	
139.3	16.0	
139.4	22.0	
140.1	22.0	
140.2	18.0	
142.1	14.0	
142.2	14.0	
148.1	22.0	
148.2	16.0	
149.1	22.0	
151.1	15.0	
151.2	16.0	
152.1	18.0	
152.2	14.0	
153.1	17.0	
153.2	14.0	
155.1	13.0	
155.2	14.0	
158.1	13.0	
158.2	13.0	
159.1	13.0	

SUBTOTAL	525.0	SY
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

905.9902	8 INCH CEMENT CONCRETE DRIVEWAY/WHEELCHAIR RAMP	SY
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	13.0	SY
159.3	13.0	
160.1	14.0	
160.2	13.0	
160.3	13.0	
160.4	13.0	
160.5	13.0	
160.6	13.0	
161.1	15.0	
161.2	13.0	
161.3	13.0	
161.4	16.0	
163.1	13.0	
163.2	13.0	
163.3	14.0	
163.4	14.0	
164.1	14.0	
164.2	13.0	
168.1	15.0	
168.2	15.0	

SUBTOTAL FROM PREVIOUS 525.0

	<u>TOTAL</u>	<u>798.0 SY</u>
905.9902	Total	798.0 SY

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -= CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

905.9901	FURNISH AND INSTALL GRANITE CURB STRAIGHT, CIRCULAR	LF
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	<u>QUANTITY</u>	
PROJECT WIDE	55.5	LF

TOTAL	55.5	LF
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905.9901	Total	55.5	LF
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

906.9903	FURNISH AND INSTALL GRANITE INLET OR APRON STONE - ALL SIZES AND TYPES	EACH
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	0.0	EACH
132.2	0.0	
134.1	0.0	
134.2	0.0	
134.3	0.0	
136.1	0.0	
136.2	0.0	
138.1	1.0	
138.2	0.0	
138.3	0.0	
138.4	0.0	
139.1	0.0	
139.2	0.0	
139.3	0.0	
139.4	0.0	
140.1	0.0	
140.2	0.0	
142.1	0.0	
142.2	0.0	
148.1	0.0	
148.2	0.0	
149.1	0.0	
151.1	1.0	
151.2	1.0	
152.1	0.0	
152.2	0.0	
153.1	0.0	
153.2	0.0	
155.1	0.0	
155.2	0.0	
158.1	0.0	
158.2	0.0	
159.1	2.0	

SUBTOTAL	5.0	EACH
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS == CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

906.9903	FURNISH AND INSTALL GRANITE INLET OR APRON STONE - ALL SIZES AND TYPES	EACH
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	2.0	EACH
159.3	0.0	
160.1	0.0	
160.2	0.0	
160.3	0.0	
160.4	0.0	
160.5	0.0	
160.6	0.0	
161.1	0.0	
161.2	0.0	
161.3	0.0	
161.4	0.0	
163.1	0.0	
163.2	0.0	
163.3	0.0	
163.4	0.0	
164.1	0.0	
164.2	0.0	
168.1	0.0	
168.2	0.0	

SUBTOTAL FROM PREVIOUS 5.0

	<u>TOTAL</u>	<u>7.0 EACH</u>
906.9903	Total	7.0 EACH

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:	CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -= CONTRACT 1		
DATE:	3/6/2024	PAWTUCKET, RI	

[illegible]

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

906.9905	FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP STONE, STRAIGHT, CIRCULAR	LF
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	4.0	LF
132.2	4.0	
134.1	4.0	
134.2	4.0	
134.3	4.0	
136.1	4.0	
136.2	4.0	
138.1	4.0	
138.2	4.0	
138.3	4.0	
138.4	4.0	
139.1	4.0	
139.2	4.0	
139.3	4.0	
139.4	4.0	
140.1	4.0	
140.2	4.0	
142.1	4.0	
142.2	4.0	
148.1	4.0	
148.2	4.0	
149.1	4.0	
151.1	4.0	
151.2	4.0	
152.1	4.0	
152.2	4.0	
153.1	4.0	
153.2	4.0	
155.1	4.0	
155.2	4.0	
158.1	4.0	
158.2	4.0	
159.1	4.0	

SUBTOTAL	132.0	LF
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

906.9905	FURNISH AND INSTALL GRANITE WHEELCHAIR RAMP STONE, STRAIGHT, CIRCULAR	LF
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	4.0	LF
159.3	4.0	
160.1	4.0	
160.2	4.0	
160.3	4.0	
160.4	4.0	
160.5	4.0	
160.6	4.0	
161.1	4.0	
161.2	4.0	
161.3	4.0	
161.4	4.0	
163.1	4.0	
163.2	4.0	
163.3	4.0	
163.4	4.0	
164.1	4.0	
164.2	4.0	
168.1	4.0	
168.2	4.0	

SUBTOTAL FROM PREVIOUS 132.0

	<u>TOTAL</u>	<u>212.0 LF</u>
906.9905	Total	212.0 LF

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

906.9906	INSTALL SALVAGED GRANITE CURB STRAIGHT, CIRCULAR	LF
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	4.0	LF
132.2	4.0	
134.1	4.0	
134.2	4.0	
134.3	4.0	
136.1	4.0	
136.2	4.0	
138.1	4.0	
138.2	4.0	
138.3	4.0	
138.4	4.0	
139.1	4.0	
139.2	4.0	
139.3	4.0	
139.4	4.0	
140.1	4.0	
140.2	4.0	
142.1	4.0	
142.2	4.0	
148.1	4.0	
148.2	4.0	
149.1	4.0	
151.1	4.0	
151.2	4.0	
152.1	4.0	
152.2	4.0	
153.1	4.0	
153.2	4.0	
155.1	4.0	
155.2	4.0	
158.1	4.0	
158.2	4.0	
159.1	4.0	

SUBTOTAL	132.0	LF
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

906.9906	INSTALL SALVAGED GRANITE CURB STRAIGHT, CIRCULAR	LF
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	4.0	LF
159.3	4.0	
160.1	4.0	
160.2	4.0	
160.3	4.0	
160.4	4.0	
160.5	4.0	
160.6	4.0	
161.1	4.0	
161.2	4.0	
161.3	4.0	
161.4	4.0	
163.1	4.0	
163.2	4.0	
163.3	4.0	
163.4	4.0	
164.1	4.0	
164.2	4.0	
168.1	4.0	
168.2	4.0	

SUBTOTAL FROM PREVIOUS 132.0

	<u>TOTAL</u>	<u>212.0 LF</u>
906.9906	Total	212.0 LF

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:	CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -= CONTRACT 1		
DATE:	3/6/2024	PAWTUCKET, RI	

906.9907	INSTALL CEMENT CONCRETE CURB PRECAST STRAIGHT , CIRCULAR STANDARD	LF
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FOR CURBING AT THE BACK OF SIDEWALK

QUANTITY

PROJECT WIDE

150.0	LF
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LF

TOTAL	150.0 LF
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906.9907	Total	150.0 LF
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

906.9909	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES	LF
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	16.0	LF
132.2	16.0	
134.1	18.0	
134.2	22.0	
134.3	20.0	
136.1	20.0	
136.2	22.0	
138.1	22.0	
138.2	20.0	
138.3	20.0	
138.4	22.0	
139.1	20.0	
139.2	16.0	
139.3	16.0	
139.4	20.0	
140.1	20.0	
140.2	16.0	
142.1	22.0	
142.2	20.0	
148.1	20.0	
148.2	22.0	
149.1	22.0	
151.1	26.0	
151.2	16.0	
152.1	20.0	
152.2	20.0	
153.1	20.0	
153.2	20.0	
155.1	22.0	
155.2	16.0	
158.1	20.0	
158.2	20.0	
159.1	16.0	

SUBTOTAL	648.0	LF
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

906.9909	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES	LF
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FOR CURBING AT THE BACK OF SIDEWALK		
<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	16.0	LF
159.3	28.0	
160.1	26.0	
160.2	26.0	
160.3	26.0	
160.4	26.0	
160.5	26.0	
160.6	26.0	
161.1	26.0	
161.2	26.0	
161.3	26.0	
161.4	26.0	
163.1	26.0	
163.2	26.0	
163.3	26.0	
163.4	26.0	
164.1	7.0	
164.2	7.0	
168.1	20.0	
168.2	20.0	

SUBTOTAL FROM PREVIOUS 648.0

	TOTAL	1110.0 LF
906.9909	Total	1110.0 LF

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

915.0240	REMOVE AND RESET HIGHWAY BOUND (ALL TYPES)	EACH
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	0.0	EACH
132.2	0.0	
134.1	0.0	
134.2	0.0	
134.3	0.0	
136.1	0.0	
136.2	0.0	
138.1	0.0	
138.2	0.0	
138.3	0.0	
138.4	0.0	
139.1	0.0	
139.2	0.0	
139.3	0.0	
139.4	0.0	
140.1	0.0	
140.2	0.0	
142.1	0.0	
142.2	0.0	
148.1	0.0	
148.2	0.0	
149.1	0.0	
151.1	0.0	
151.2	0.0	
152.1	0.0	
152.2	0.0	
153.1	0.0	
153.2	0.0	
155.1	0.0	
155.2	0.0	
158.1	0.0	
158.2	0.0	
159.1	0.0	

SUBTOTAL	0.0	EACH
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

915.0240	REMOVE AND RESET HIGHWAY BOUND (ALL TYPES)	EACH
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FOR CURBING AT THE BACK OF SIDEWALK		
<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	0.0	EACH
159.3	0.0	
160.1	0.0	
160.2	0.0	
160.3	0.0	
160.4	1.0	
160.5	1.0	
160.6	0.0	
161.1	0.0	
161.2	1.0	
161.3	1.0	
161.4	0.0	
163.1	0.0	
163.2	0.0	
163.3	0.0	
163.4	1.0	
164.1	0.0	
164.2	0.0	
168.1	0.0	
168.2	0.0	

SUBTOTAL FROM PREVIOUS 0.0

	<u>TOTAL</u>	<u>5.0 EACH</u>
915.0240	Total	5.0 EACH

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS == CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

932.9901	FULL-DEPTH SAWCUT OF PCC OR ASPHALT SIDEWALK/DRIVEWAY	LF
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	0.0	LF
132.2	0.0	
134.1	64.6	
134.2	62.5	
134.3	0.0	
136.1	0.0	
136.2	0.0	
138.1	43.1	
138.2	0.0	
138.3	0.0	
138.4	0.0	
139.1	0.0	
139.2	28.8	
139.3	42.3	
139.4	0.0	
140.1	0.0	
140.2	0.0	
142.1	0.0	
142.2	0.0	
148.1	0.0	
148.2	0.0	
149.1	0.0	
151.1	0.0	
151.2	0.0	
152.1	58.8	
152.2	52.7	
153.1	0.0	
153.2	0.0	
155.1	33.4	
155.2	41.1	
158.1	0.0	
158.2	0.0	
159.1	0.0	

SUBTOTAL	427.2	LF
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS == CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

932.9901	FULL-DEPTH SAWCUT OF PCC OR ASPHALT SIDEWALK/DRIVEWAY	LF
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FOR CURBING AT THE BACK OF SIDEWALK		
<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	0.0	LF
159.3	0.0	
160.1	0.0	
160.2	0.0	
160.3	0.0	
160.4	0.0	
160.5	0.0	
160.6	0.0	
161.1	0.0	
161.2	0.0	
161.3	0.0	
161.4	0.0	
163.1	0.0	
163.2	0.0	
163.3	0.0	
163.4	0.0	
164.1	17.3	
164.2	0.0	
168.1	0.0	
168.2	0.0	

SUBTOTAL FROM PREVIOUS 427.2

	TOTAL	444.5 LF
932.9901	Total	444.5 LF

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

942.0200	DETECTABLE WARNING PANEL STANDARD 48.1.0	SF
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	8.0	SF
132.2	8.0	
134.1	8.0	
134.2	8.0	
134.3	8.0	
136.1	8.0	
136.2	8.0	
138.1	8.0	
138.2	8.0	
138.3	8.0	
138.4	8.0	
139.1	8.0	
139.2	8.0	
139.3	8.0	
139.4	8.0	
140.1	8.0	
140.2	8.0	
142.1	8.0	
142.2	8.0	
148.1	8.0	
148.2	8.0	
149.1	8.0	
151.1	8.0	
151.2	8.0	
152.1	8.0	
152.2	8.0	
153.1	8.0	
153.2	8.0	
155.1	8.0	
155.2	8.0	
158.1	8.0	
158.2	8.0	
159.1	8.0	

SUBTOTAL	264.0	SF
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

942.0200	DETECTABLE WARNING PANEL STANDARD 48.1.0	SF
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FOR CURBING AT THE BACK OF SIDEWALK		
<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	8.0	SF
159.3	8.0	
160.1	8.0	
160.2	8.0	
160.3	8.0	
160.4	8.0	
160.5	8.0	
160.6	8.0	
161.1	8.0	
161.2	8.0	
161.3	8.0	
161.4	8.0	
163.1	8.0	
163.2	8.0	
163.3	8.0	
163.4	8.0	
164.1	8.0	
164.2	8.0	
168.1	8.0	
168.2	8.0	

SUBTOTAL FROM PREVIOUS 264.0

	TOTAL	424.0 SF
942.0200	Total	424.0 SF

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

L01.9901	LOAM BORROW 4 INCHES DEEP & TYPE 2 SEEDING	SY
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	0.0	SY
132.2	5.3	
134.1	0.0	
134.2	0.0	
134.3	0.0	
136.1	5.3	
136.2	0.0	
138.1	0.0	
138.2	0.0	
138.3	0.0	
138.4	0.0	
139.1	5.3	
139.2	0.0	
139.3	0.0	
139.4	0.0	
140.1	0.0	
140.2	0.0	
142.1	0.0	
142.2	0.0	
148.1	0.0	
148.2	0.0	
149.1	0.0	
151.1	0.0	
151.2	0.0	
152.1	0.0	
152.2	0.0	
153.1	5.3	
153.2	0.0	
155.1	0.0	
155.2	0.0	
158.1	5.3	
158.2	0.0	
159.1	0.0	

SUBTOTAL	26.7	SY
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

L01.9901	LOAM BORROW 4 INCHES DEEP & TYPE 2 SEEDING	SY
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FOR CURBING AT THE BACK OF SIDEWALK		
<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	0.0	SY
159.3	5.3	
160.1	0.0	
160.2	0.0	
160.3	0.0	
160.4	5.3	
160.5	5.3	
160.6	0.0	
161.1	0.0	
161.2	0.0	
161.3	0.0	
161.4	0.0	
163.1	0.0	
163.2	0.0	
163.3	0.0	
163.4	0.0	
164.1	0.0	
164.2	3.3	
168.1	5.3	
168.2	0.0	

SUBTOTAL FROM PREVIOUS 26.7

	TOTAL	51.3 SY
L01.9901	Total	51.3 SY

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

T05.1030	ADJUST HANDHOLE TO GRADE	EACH
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	0.0	EACH
132.2	0.0	
134.1	1.0	
134.2	1.0	
134.3	0.0	
136.1	0.0	
136.2	0.0	
138.1	0.0	
138.2	0.0	
138.3	0.0	
138.4	0.0	
139.1	0.0	
139.2	0.0	
139.3	0.0	
139.4	0.0	
140.1	0.0	
140.2	0.0	
142.1	0.0	
142.2	0.0	
148.1	0.0	
148.2	0.0	
149.1	0.0	
151.1	0.0	
151.2	0.0	
152.1	0.0	
152.2	0.0	
153.1	0.0	
153.2	0.0	
155.1	0.0	
155.2	0.0	
158.1	0.0	
158.2	0.0	
159.1	0.0	

SUBTOTAL	2.0	EACH
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS == CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

T05.1030	ADJUST HANDHOLE TO GRADE	EACH
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FOR CURBING AT THE BACK OF SIDEWALK		
<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	0.0	EACH
159.3	0.0	
160.1	0.0	
160.2	0.0	
160.3	0.0	
160.4	0.0	
160.5	0.0	
160.6	0.0	
161.1	0.0	
161.2	0.0	
161.3	0.0	
161.4	0.0	
163.1	0.0	
163.2	0.0	
163.3	0.0	
163.4	0.0	
164.1	0.0	
164.2	0.0	
168.1	0.0	
168.2	0.0	

SUBTOTAL FROM PREVIOUS 2.0

	<u>TOTAL</u>	<u>2.0 EACH</u>
T05.1030	Total	2.0 EACH

CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

905.9903	STAMPED AND COLORED CONCRETE PAVEMENT	CY
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
132.1	0.0	CY
132.2	0.0	
134.1	1.1	
134.2	1.0	
134.3	0.9	
136.1	0.0	
136.2	0.0	
138.1	0.4	
138.2	0.8	
138.3	1.0	
138.4	0.7	
139.1	0.7	
139.2	0.2	
139.3	0.4	
139.4	0.8	
140.1	0.2	
140.2	0.7	
142.1	0.0	
142.2	0.0	
148.1	0.0	
148.2	0.0	
149.1	0.0	
151.1	0.8	
151.2	0.5	
152.1	0.9	
152.2	0.9	
153.1	0.0	
153.2	0.0	
155.1	0.4	
155.2	0.7	
158.1	0.0	
158.2	0.0	
159.1	0.0	

SUBTOTAL	13.1	CY
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CALCULATED BY:	AD	JOB:	11108
CHECKED BY:		CITY-WIDE SIDEWALK AND ADA RAMP IMPROVMENTS -- CONTRACT 1	
DATE:	3/6/2024	PAWTUCKET, RI	

905.9903	STAMPED AND COLORED CONCRETE PAVEMENT	CY
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<u>CURB RAMP ID</u>	<u>QUANTITY</u>	
159.2	0.0	CY
159.3	0.0	
160.1	0.0	
160.2	0.0	
160.3	0.0	
160.4	0.0	
160.5	0.0	
160.6	0.0	
161.1	0.0	
161.2	0.0	
161.3	0.0	
161.4	0.0	
163.1	0.0	
163.2	0.0	
163.3	0.0	
163.4	0.0	
164.1	0.0	
164.2	0.0	
168.1	0.0	
168.2	0.0	

SUBTOTAL FROM PREVIOUS 13.1

	<u>TOTAL</u>	<u>14.0 CY</u>
905.9903	Total	14.0 CY