

**TOWN OF WATERTOWN  
WATERTOWN, CONNECTICUT  
NOTICE OF BID**

**Milling and Paving  
Bid Watertown Public Works Department**

Sealed bids are invited and will be received by the Purchasing Agent of the Town of Watertown at the office of the Purchasing Agent, Town Hall, 61 Echo lake Road, Watertown, Connecticut, until **11:00 a.m., Tuesday, August 8, 2023**, at which time and place they will be publicly opened and read aloud for furnishing milling and paving to the Town of Watertown.

The Information for Bidders, Form of Bid, Specifications and other contract documents may be obtained or examined at the office of the Purchasing Agent, Watertown Town Hall, 61 Echo Lake Road, Watertown, Connecticut 06795 or by accessing the Town of Watertown's website at <http://www.watertownct.org>. Proposals must be submitted on the forms provided and in a sealed envelope plainly marked "**Milling and Paving Bid**".

To receive consideration bids must be in the hands of the Purchasing Agent or his authorized representative no later than the day and hour mentioned above.

The Purchasing Agent reserves the right to accept or reject any or all bids; to waive any informality; or to accept any bid deemed in the best interests of the Town of Watertown. The Town of Watertown reserves the right to take into account the residency of bidders within the Town of Watertown and/or the location of the bidder's business within the Town of Watertown in awarding this bid.

All bids will be considered valid for a period of sixty (60) days.

Donna Ford  
Purchasing Agent  
Town of Watertown

## INFORMATION FOR BIDDERS

TOWN OF WATERTOWN  
WATERTOWN, CONNECTICUT 06795

### **Milling and Paving Bid Watertown Public Works Department**

#### **BID OPENING:**

#### **PROPOSALS RECEIVED**

All bids must be in a sealed envelope and received prior to **11:00 a.m., Tuesday, August 8, 2023**, at the office of the Purchasing Agent, 61 Echo Lake Road, Watertown, Connecticut 06795.

#### **PREPARATION OF PROPOSALS**

Proposals must be made upon forms contained herein. The bidder must fill out a bid bond, performance bond, and payment bond. These bonds will be submitted with the Proposal. The blank spaces in the Proposal must be filled in correctly where indicated. The Bidder must state the prices for which he proposes to do each item of the work contemplated. In case of discrepancy where both words and the numerals are requested, the words shall govern. Ditto marks are not considered writing or printing and shall not be used. The Bidder shall sign his Proposal correctly. If the Proposal is made by an individual, his name, post office address and telephone number must be shown. If made by a firm, partnership, or corporation, the Proposal must be signed by an official of the firm, partnership, or corporation authorized to sign contracts, and must show the post office address and telephone number of the firm, partnership, or corporation. Failure to do so may disqualify the bid.

Each bid must be submitted in a sealed envelope bearing on the outside the name of the Bidder, post office address, and name of the project for which the bid is submitted. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed to: The Purchasing Agent, Watertown Town Hall, 61 Echo Lake Road, Watertown, CT 06795.

All information shall be entered in ink or by typewriter. Mistakes may be crossed out and corrections inserted before submission of your bid. The person signing the bid shall initial corrections in ink.

Corrections and/or modifications received after the closing time specified will not be accepted.

#### **SUBMISSION OF PROPOSALS**

All proposals and literature shall be submitted **IN DUPLICATE** on the proposal form, which is a part of these specifications.

Descriptive literature containing complete specifications must accompany each bid. If a bidder wishes to furnish additional information, more sheets may be added.

Adobe Acrobat® Reader is required to view electronic documents on-line. If you do not have Adobe Acrobat® Reader, you may download it for free from Adobe at <http://www.adobe.com/products/acrobat/readstep.html>.

Response summaries will be available online at <http://www.watertownct.org> on the day of the bid opening.

Responses delivered via fax are received subject to the following qualifications and limitations:

- The Town is not responsible for the confidentiality of the information transmitted.
- The Town cannot guarantee that its fax equipment will be operational and able to receive transmittals by a particular time and date. It is the Bidder's responsibility to ensure that quotations are received in their entirety and on time at the required location. It is recommended that vendors be advised to call immediately after transmitting a document electronically to confirm complete and accurate receipt by the Town. The Town assumes no liability in the event that a bidder's electronic transmission is not received by the Town in a timely fashion, or is not received either in its entirety or error-free.
- Bids transmitted electronically which have a bond requirement are subject to the same submittal requirements as those responses delivered via traditional means, such as mail or hand delivery, or as otherwise stipulated by appropriate authority.

## **INCURRING COSTS**

The Town of Watertown is not liable for any cost incurred for the preparation of proposals or submission of samples by the firms submitting proposals for the work requested in this bid document or request for proposals.

## **FAMILIARITY WITH THE WORK**

Each bidder is considered to have examined the work to fully acquaint himself with the exact existing conditions relating to the work and has fully informed himself as to the work involved and the difficulties and restrictions attending the performance of this bid. Failure to do so will not relieve a bidder of his obligation to furnish all centerline striping and related pavement markings as specified for the consideration set forth in this bid. The submission of a bid will be considered as conclusive evidence that the bidder has made such examination.

## **CONSIDERATION OF PRIOR SERVICE**

Previous performance, quality of service and merchandise will be considered.

## **ADDENDA AND INTERPRETATIONS & ALTERNATE PROPOSALS**

Addenda information will be available online at <http://www.watertownct.org>. Adobe Acrobat® Reader may be required to view this document. It is strongly suggested that Bidders check for any addenda a minimum of forty-eight hours in advance of the bid deadline.

At the time of the opening of bids each Bidder will be presumed to have inspected the work and to have read and to be thoroughly familiar with all of the Contract Documents (including all addenda). The failure or omission of any Bidder to receive or examine any form, instruction or document shall in no way relieve any bidder from any obligation in respect to his bid.

If any person contemplating submitting a proposal is in doubt as to the true meaning of any part of these specifications, he may submit a written request for an interpretation to the Purchasing Agent. No interpretations as to the meaning of the plans, specifications or other Contract Documents will be made to any Bidder orally.

Every request for such interpretation should be in writing addressed (duplicate copy) to the Town of Watertown, Purchasing Agent, 61 Echo Lake Road, Watertown, Connecticut 06795, and to be given consideration, must be received at least five (5) days prior to the date fixed for the opening of Bids. Any and all such interpretations and any supplementary instructions will be in the form of written Addenda to the Specifications which, if issued, will be mailed by Registered Mail with Return Receipt Requested to all prospective Bidders at the respective addresses furnished for such purposes, not later than three (3) days prior to the date fixed for the opening of bids. Failure of any Bidder to receive any such Addendum or interpretations shall not relieve any Bidder from any obligations under his bid as submitted. All Addenda so issued shall become part of the Contract Documents. Oral explanations will not be binding on the Town.

The specifications listed are to be interpreted as meaning the minimum acceptable by the Town of Watertown. Bidders are requested to submit quotations on the basis of these specifications. Alternative bids providing a broader scope and/or services than requested in these specifications may receive consideration providing such equipment and/or service is clearly explained. Any exceptions to the specifications requested herein must be clearly noted in writing and are to be included as a part of the bid proposal. If none are included it will be assumed that there are none. Definition of the word "complete" means that each unit of the equipment proposed shall include all appurtenances, fasteners, parts, accessories, and services ordinarily catalogued. An item equal to that named or described in the specifications may be furnished by the Bidder, except where expressly noted as "no substitutions." The naming of any commercial name, trademark, or other identification shall not be construed to exclude any item of any manufacturer not mentioned by name, nor limit competition, but shall establish a standard of equality only. An item shall be considered equal to the item so named or described if:

- It is at least equal in quality, durability, appearance, strength and design.
- It will perform at least equally the function imposed by the design for the work being contracted for or the material being purchased.
- It conforms substantially, even with deviations, to the detailed requirements for the item in the specifications.

The Bidder shall hold the Town of Watertown, its officers, agents, servants, and employees, harmless from liability of any nature or kind because of use of any copyrighted or uncopyrighted compositions, secret process, patented or unpatented inventions, articles or appliances furnished or used under this bid, and agrees to defend, at his own expense, any and all actions brought against the Town of Watertown or himself because of the unauthorized use of such articles.

## **QUOTATION LIMITATION**

Bidders shall offer only **ONE ITEM AND PRICE** for each line item bid. If an or equal item is to be bid, the bidder is to select the brand and model that meets or exceeds the specified item, and submit his bid for that item.

## **ESTIMATE OF WORK**

For bidding purposes, the work has been subdivided into unit price items. The quantities shown are to be considered as approximate only. The Purchasing Agent does not expressly or by implication agree that the actual quantity will correspond therewith, but reserves the right to increase or decrease the amount of any item or portion of the work as deemed necessary.

## **SAMPLES**

Samples of articles, when required shall be furnished free of cost of any sort to the Town of Watertown. Samples received may be retained by the Town for future comparison. Samples which are not destroyed by testing, or which are not retained for future comparison will be returned upon request at the bidder's expense.

## **WITHDRAWAL OF BID**

Bidders may withdraw their proposals at any time prior to the bid date. No agent/broker shall withdraw or cancel their proposal for a period of sixty (60) days after the bid closing date of 11:00 a.m., **August 8, 2023**. The successful agent/broker shall not withdraw, cancel or modify their proposal.

## **POWER OF ATTORNEY**

Attorneys-in-fact who sign contract bonds must file, with each bond, a certified and effectively dated copy of their power of attorney.

## **SUBCONTRACTORS**

- Each bidder contemplating the use of any subcontractor shall submit a list of subcontractors as listed on the Bid Form.
- The apparent low bidder shall file with the Town of Watertown, within five (5) days after the date of bid opening, a complete list of the names and addresses of competent, responsible and qualified subcontractors who are actually to perform major portions of the work. This in no way restricts or limits the requirement that all subcontractors must be approved by the Town.
- Subcontractors listed on the Bid Form or those previously approved may not be changed without the approval of the Town of Watertown.

Local subcontractors, material suppliers, and labor in the Town of Watertown should be considered and sought insofar, as is practical in the performance of this project.

## **QUALIFICATION OF BIDDER**

In determining the qualifications of a bidder, the Town may consider his record in the performance of any contracts for similar work into which he may have previously entered; and the Town expressly reserves the right to reject the bid of such bidder if such record discloses that such bidder, in the opinion of the Town, has

not properly performed such contracts or has habitually, and without just cause, neglected the payment of bills or has otherwise disregarded his obligations to subcontractors, suppliers, state or local codes, men or employees of subcontractors.

The Town may make such investigation as he deems necessary to determine the ability of the bidder to perform the work and the bidder shall furnish to the Town all such information and data for this purpose as the Town may request. The Town reserves the right to reject any bid if the evidence submitted by or the investigation of such bidder fails to satisfy the Town that such bidder is properly qualified, or that such bidder misrepresented material facts in the bid documents.

## **DISQUALIFICATION OF BIDDERS**

More than one proposal from an individual, firm, partnership, corporation, or an association under the same or different names will not be considered. Reasonable grounds for believing that any Bidder is interested in more than one proposal for the work contemplated will cause the rejection of all proposals in which such Bidder is interested. Any or all proposals in which such Bidder is interested will be rejected if there is reason for believing that collusion exists among the Bidders and all participants in such collusion will not be considered in future proposals for the same work. Proposals in which the prices are obviously unbalanced may be rejected. No Contract will be awarded except to competent Bidders capable of performing the class of work contemplated.

## **DELIVERY**

Inasmuch as this work concerns a needed public improvement, the provisions of this bid relating to the time of delivery, performance and completion of the work are of the essence of this bid. Accordingly, the successful bidder shall commence work **upon receipt of the signed Purchase Order** unless the Town shall authorize or direct a further delay.

Time of delivery shall be stated as the number of calendar days following receipt of the Purchase Order by the Bidder to receipt of the goods or services by the Town of Watertown.

Prices quoted must include delivery to the Town of Watertown as specified on the Purchase Order. No charges will be allowed for parking, crating, freight, express or cartage unless specifically stated and included in this bid.

Time of delivery may be considered in the award.

## **PAYMENT**

The Town, after inspection and acceptance of workmanship, and in consideration of the faithful performance by the Bidder of all and singular his covenants, promises, and agreements contained herein, agrees to pay the Bidder for the full completion by him of the work embraced in this Contract, within (30) Thirty Days of the receipt of the final invoice. When subcontractors or suppliers are utilized, the successful Bidder for this project shall be required to submit a Mechanics Lien Waiver, acceptable to the Town, with each progress payment and/or at time of final payment prior to any payment being made.

Time, in connection with any discount offered, will be computed from the date of delivery to the Town or from the date a correct invoice is received by the Town's Finance Department, if the latter date is later than the date of delivery.

Prices will be considered as **NET**, if no cash or payment discount is shown.

The successful bidder shall submit invoices to the following address:

Town of Watertown  
Watertown Public Works Department  
61 Echo Lake Road Watertown, CT 06795

**IT IS UNDERSTOOD AND AGREED THAT SHOULD A BID BE ACCEPTED, IT WILL AUTOMATICALLY BECOME THE CONTRACT OR AN ADDENDUM TO ANY CONTRACT AGREED UPON.**

Notification of the bid award will be made by issuance of a purchase order. Bidders are to list their bids on the appropriate attached sheets. Bidders may attach a letter of explanation. A clear notification should be made on the standard bid sheets at the appropriate point of explanation that there is a letter of explanation attached. All bids must be NET prices.

The successful bidder shall submit an itemized invoice to the Town of Watertown for the work as described herein.

The bidder shall be required to submit a Mechanics Lien Waiver, acceptable to the Town of Watertown, with each progress payment and at time of final payment prior to any payment being made.

At the time of award, the successful bidder shall be required to supply the Town of Watertown a Certificate of Good Standing, certifying that the corporation is in fact a valid corporation and presently licensed to conduct business in the State of Connecticut.

### **SALES TAX**

Certain materials and supplies incorporated in the work of this project are exempt from Connecticut Sales Tax. The Bidder shall familiarize himself with current regulations of the State Tax Department. The tax on materials or supplies exempted by such regulations shall not be included as part of the bid. The Town will furnish the successful Bidder sales tax exemption authorization.

### **CARE AND PROTECTION OF PROPERTY**

The Bidder shall take particular care to avoid damages to all private and public property and to private or public improvements within the Town's right of way. He shall make good any damages to the satisfaction of the Town. There shall be no additional compensation for the repair or restoration of private or public property improvements.

### **COMPLIANCE WITH FEDERAL, STATE AND LOCAL CODES**

The Bidder shall be responsible for full compliance with any Federal, State and/or Local codes, laws, regulations and standards, as applicable.

## **AWARD**

The Town of Watertown reserves the right to accept or reject any bid to best serve its interests, or to hold the bids for sixty (60) days before decision.

The Town reserves the right to reject any and all bids (or any part thereof), to waive defects in proposals, or to accept any proposal deemed to be in its best interest.

**Exceptions will be considered to the specification provided, providing they are listed and fully explained on a separate page entitled "EXCEPTIONS TO SPECIFICATIONS"**

Each exception will be considered as to its degree of impact and total effect on the bid. The purchaser shall determine which (if any taken) exceptions are acceptable, and this determination shall be final.

The Town of Watertown reserves the right:

- To award bids received on the basis of individual items, or groups of items, or on the entire list of items.
- To reject any or all bids, or any part thereof.
- To waive any informality in the bids.
- The Town of Watertown reserves the right to take into account the residency of bidders within the Town of Watertown and/or the location of the bidder's business within the Town of Watertown in awarding this bid.
- To accept the bid that is in the best interest of the Town of Watertown. The Purchasing Agent's decision shall be final.

## **INSURANCE**

### **A. General:**

The Bidder shall be responsible for maintaining insurance coverage in force for the life of the contract of the kinds and adequate amounts to secure all of the Bidder's obligations under the contract with an insurance company with an AM Best Rating of A - VII or better licensed to write such insurance in Connecticut and acceptable to the Town of Watertown

The insurer shall provide the Town of Watertown with Certificates of Insurance signed by an authorized representative of the insurance company(ies) prior to the performance of this contract describing the coverage and providing that the insurer shall give the Town of Watertown written notice at least thirty (30) days in advance of any termination, expiration, or any and all change in coverage.

Such insurance or renewals or replacements thereof shall remain in force during the Bidder's responsibility under this agreement.

The Bidder at his own cost and expense shall procure and maintain all insurance required and shall name the Town of Watertown, its employees, departments, boards, committees and commissions, as an additional insured on all contracts except Worker's Compensation and Professional Errors & Omissions coverage.

In order to facilitate this requirement for insurance, it is recommended that the bidder forward a copy of this exhibit to the bidder's insurance representative(s).

**B. Specific Requirements:**

**(1) Workers' Compensation Insurance**

The Bidder shall provide Workers' Compensation Insurance required by law and the Employer's Liability Insurance for at least the amounts of liability for Bodily Injury by accident of \$100,000 each accident; Bodily Injury by Disease each employee of \$100,000; Bodily Injury by Disease, policy limit of \$500,000.

**(2) Commercial General Liability Insurance**

The Bidder shall carry Commercial General Liability policy (Insurance Services Office Incorporated Form CG-0001 or equivalent). A per occurrence limit of \$1,000,000 is required. The Aggregate Limit will be not less than \$1,000,000.

**(3) Business Automobile Liability Insurance** The Bidder shall carry Business Automobile Liability Insurance. (Insurance Services Office Incorporated Form CA-00001 or equivalent). A per occurrence limit of \$1,000,000 is required. "Any Auto" (symbol 1 or equivalent) is required.

**C. Hold Harmless & Subcontractor's Requirements:**

The Bidder shall require the same insurance that it is required to carry by the Town of Watertown to be carried by any subcontractors and independent contractors hired by the Bidder and to obtain Certificates of Insurance before subcontractors and independent contractors are permitted to begin work.

The Bidder shall require that the Town of Watertown, its employees, departments, boards, committees and commissions, be named as Additional Insured on all subcontractor's and independent contractor's policies before they are permitted to begin work.

The Bidder and all subcontractors and independent contractors and their insurers shall waive all rights of subrogation against the Town of Watertown, and its officers, agents, servants and employees for losses arising from the work performed by each on this contract.

The Bidder assumes and agrees to hold harmless, indemnify, protect and defend the Town of Watertown against any and all liability for injuries and damages to Bidder and to Bidder's employees, agents, subcontractors and guests, third parties or otherwise incident to or resulting from any and all operations performed by a contractor under any terms of this contract.

**D. Other Data:**

NOTE 1: If Bidder is only a vender shipping goods via Common Carrier only, General Liability is required.

NOTE 2: If Bidder is a Professional, Errors & Omission coverage will be required.

NOTE 3: The Town reserves the right to amend amounts of coverage required and the types of coverage provided based on work or service to be performed.

**GUARANTEE**

The bidder shall unconditionally guarantee for a period of one (1) year from the date of acceptance, all materials, supplies, equipment, and services; including but not limited to

its workmanship, delivery and installation. If within the guarantee period there are any defects or signs of deterioration the bidder shall repair, adjust or replace the item(s) to the complete satisfaction of the Town. These repairs, adjustments, or replacements are at the sole expense of the bidder and shall be made at such times that are agreeable to the Purchasing Agent so that it is least detrimental to instructional programs.

### **PERMITS**

When required all licenses and permits for complying with any applicable Federal, State, and Municipal laws, codes, regulations in connection with the prosecution of the work shall be obtained by the Bidder, at no additional cost to the Town.

### **NONDISCRIMINATION IN EMPLOYMENT**

The successful bidder shall agree and warrant that, in the performance of this contract, he will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, sex, religion, or national origin in any manner prohibited by State, Federal, County, or Municipal law. A certification of Nonsegregated Facilities and a Certification Regarding Equal Employment Opportunity shall be considered a part of this contract.

### **MECHANICS LIEN WAIVERS**

The successful Bidder shall be required to submit a Mechanics Lien Waiver, acceptable to the Town of Watertown, with each progress payment, and/or at time of final payment, prior to any payment made.

For further technical or administrative information contact  
Donna Ford, Purchasing Agent at (860) 945-5260 or via email at [ford@watertownct.org](mailto:ford@watertownct.org).

**TOWN OF WATERTOWN  
WATERTOWN, CONNECTICUT**

**TECHNICAL SPECIFICATIONS**

**Pavement Rehabilitation Milling and Paving  
Watertown Public Works Department**

This project consists of the milling of approximately 50,208 square yards of existing bituminous concrete wearing course Davis St, Platt Rd, Riverside St, and Woodvine Ave. in Watertown, Connecticut. The milled areas are then to be tack coated and overlaid with one lift of Class 2 bituminous concrete to a depth of approximately 2 inches (approximately 5,774 tons). Overlaying of the milled areas must be completed within ten working days after the milling is performed. Side streets shall be milled up to an average of 10 feet to ensure smooth transition.

Contract also includes provision replacing damage and missing curbing. This shall be carried out following standard curbing details.

Contract also includes provision of Catch Basin Repair/Replacement. The Town of Watertown CT will supply all parts need to replace catch basins and tops, as needed. The Contractor will supply all block and mortar to do said repairs as required by contract.

Contract also includes provision of replacement of Manhole Covers, Rings, and Gate Valve Box. The Town of Watertown CT will supply all parts need to replace manhole covers, rings, and gate valve box, as needed. The Contractor will supply all block and mortar to do said repairs as required by contract.

Contractor shall be responsible for repairing or replacing any manhole covers, rings, gates, valve covers, risers or other underground utility structures damaged or destroyed by the Contractor that were marked out or clearly visible at the surface prior to grinding. By the Town of Watertown, CT [**CALL BEFORE YOU DIG**] the Contractor is responsible for material testing and shall provide the services of an independent material testing company on-site during all paving operations. Contractor is solely reasonable for maintenance and protection of traffic, dust control and dewatering, as specified by the Town of Watertown, CT and painted pavement markings, symbols legends. Which shall be included in the unit price of the work items bid. All work is to be performed in accordance with the State of Connecticut Department of Transportation "Standard Specifications for Roads, Bridges and Incidental Construction, form 818", as supplemented and as amended below. It is expressly stated that the specific references to the Form 818 is for the technical requirements stated therein and that this project is not an 818 project nor are all of the other terms of the Form 818 applicable. There is no separate payment for mobilization, demobilization, dewatering, dust control or construction staking, but the cost of these items is to be carried in the unit prices bid.

**Traffic Person:**

Uniformed Police Officers will be required for all work performed in the roadway and shall be provided in accordance with the State of Connecticut Department of Transportation "Standard Specifications for Roads, Bridges and Incidental Construction", Form 818, as amended. Upon approval by the Engineer, the contractor is to arrange for the Police Officers. The Town will be responsible for payment of the Officers.

## **MILLING OF BITUMINOUS PAVEMENT – (0 to 4 INCHES) SPECIFICATIONS**

### **Description:**

This work shall consist of the milling, removal, and disposal of existing bituminous concrete pavement. It shall be performed in accordance with these specifications and in conformity with the line, grade, and cross-section as directed by the Town and in accordance with the standard detail (attached). THE BIDDER'S ATTENTION IS DRAWN TO THE FACT THAT THE MILLING AND OVERLAY OPERATION WILL EXTEND A VARYING DISTANCE UP ALL CROSS STREETS WITHIN THE PROJECT LIMITS. The town of Watertown will sweep the roadway approximately one week prior to the milling operation.

Unless otherwise specified, the milled material shall remain the property of the Town and shall be deposited at a location within the Town as directed at the Hamilton Avenue Transfer Station located on Old Baird Road.

### **Milling Equipment:**

The equipment for milling the pavement surface shall be designed and built for milling flexible pavements and shall have a minimum 6 foot cutting width. It shall be self-propelled with sufficient power, traction, and stability to maintain depth and slope and shall be capable of removing the existing bituminous concrete pavement to the line, grade and typical cross-section shown on the plans.

The milling machine shall be equipped with a built in automatic grade control system that can control the longitudinal profile and the transverse cross-slope to produce the specified results. The longitudinal controls shall be capable of operating from any longitudinal grade reference, including string line, ski (30 feet minimum), mobile string line (30 foot minimum), or matching shoe. The transverse controls shall have an automatic system for controlling cross-sloe at a given rate.

The machine shall be capable of operating at a minimum speed of 10 feet per minute and be able to provide a 0 to 4 inch deep cut (minimum) in one pass. It shall be designed so that the operator can at all times observe the milling operation without leaving the control area of the machine.

The teeth on the revolving cutting drum must be continually maintained and shall be replaced as warranted to provide a uniform pavement texture.

The machine shall be equipped with an integral pickup and conveying device to immediately remove material being milled from the surface of the roadway and discharge the millings into a truck, all in one operation. The machine shall also be equipped with a means of effectively limiting the amount of dust escaping from the milling and removal operation in accordance with local, State, and Federal air pollution control laws and regulations.

When milling smaller areas or areas where it is impractical to use the above described equipment, the use of a smaller or lesser-equipped milling machine may be permitted when approved by the Town.

A sweeper equipped with a water tank, spray assembly to control dust, a pick-up broom, a dual gutter broom, and a dirt hopper shall be provided by the Contractor. The sweeper shall be capable of removing millings and loose debris from the textured pavement. Other sweeping equipment may be provided in lieu of the sweeper when approved by the Town.

**Construction Methods:**

The pavement surface shall be removed to the line, grade, and typical cross-section shown on the attached detail (typically 1" to 2").

The milled surface shall provide a satisfactory riding surface with a uniform textured appearance. The milled surface shall be free from gouges, excessive longitudinal grooves and ridges, oil film, and other imperfections that are a result of defective equipment, improper use of equipment, or poor workmanship. Any unsatisfactory surfaces produced are the responsibility of the Contractor and shall be corrected at the Contractor's expense and to the satisfaction of the Town.

When removing a bituminous concrete pavement from an underlying Portland cement concrete pavement, all of the bituminous concrete pavement shall be removed to the greatest extent practicable, leaving a uniform surface of Portland cement concrete, unless otherwise directed by the Town.

Unless otherwise specified, milling shall be done to improve rideability and/or cross-slope. The existing pavement shall be removed to the depth as directed by the Town in a manner that will restore the pavement surface to a uniform cross-section and longitudinal profile. The longitudinal profile of the milled surface shall be established by a string line, mobile string line, or mobile ski. The cross-slope of the milled surface shall be established by a second sensing device or by an automatic cross-slope control mechanism. The Contractor will be responsible for providing all grades necessary to remove the material to the proper line, grade, and typical cross-section. The Town may waive the requirement for automatic grade or slope controls where the situation warrants such action.

Protection shall be provided around existing catch basin inlets, manholes, utility valve boxes, and any similar structures. Any damage to such structures as a result of the milling operation is the Contractor's responsibility and shall be repaired at the Contractor's expense.

To prevent the infiltration of milled material into the storm sewer system the Contractor shall take special care to prevent the milled material from falling into the inlet opening or inlet grates. Any milled material that has fallen into inlet openings or inlet grates shall be removed at the Contractor's expense.

At all permanent limits of milling, a clean vertical face shall be established prior to paving. No vertical faces, transverse or longitudinal, shall be left exposed to traffic. If any vertical face is formed in an area exposed to traffic a temporary paved transition will be established. If a vertical face is not formed and the milling machine is used to temporarily transition the milled pavement surface to the existing pavement surface, the length of the temporary transition shall be as directed by the Town.

Prior to opening an area which has been milled to traffic, the pavement shall be thoroughly swept with a sweeper or other approved equipment to remove, to the greatest extent practicable, material which will become airborne under traffic. This operation shall be conducted in a manner so as to minimize the potential for creation of a traffic hazard and to comply with local, State, and Federal air pollution control laws and regulations. Any damage done to traffic as a result of milled material becoming airborne is the responsibility of the Contractor and shall be repaired at the Contractor's expense.

The milled surface will be tested with a 10-foot straightedge furnished by the Contractor. The variation of the top of rides from the testing edge of the straightedge, between any two ridge contact points, shall not exceed 3/8 inch. The variation of the top of any ridge from the bottom of the groove adjacent to that ridge shall not exceed

3/8 inch. Any point in the surface not meeting these requirements shall be corrected as directed by the Engineer at the Contractor's expense.

The Contractor may be waived of the straightedge surface requirements stated in the preceding paragraph in areas where a surface lamination between bituminous concrete layers or a surface lamination of bituminous concrete on Portland cement concrete causes a non-uniform texture to occur. This is subject to the approval of the Engineer.

**Method of Measurement:**

This work will be measured for payment by the number of square yards of area from which the milling of asphalt has been completed and the work accepted. No area deductions will be made for minor unmilled areas such as catch basin inlets, manholes, utility boxes and any similar structures.

**Basis of Payment:**

This work will be paid for at the contract unit price per square yard for "Milling of Bituminous Concrete, (0 to 4 inches)." This price shall include all equipment, tools, labor, and materials incidental thereto.

No additional payments will be made for multiple passes with the milling machine to remove the bituminous surface or to complete work on cross streets.

No separate payments will be made for cleaning the pavement prior to paving; maintenance and protection of traffic except for uniformed police officers providing protection and doing handwork removal of bituminous concrete around catch basin inlets, manholes, utility valve boxes and any similar structures; repairing surface defects as a result of the Contractors negligence; providing protection to underground utilities from the vibration of the milling operation; removal of any temporary milled transition; removal and disposal of millings; furnishing a sweeper and sweeping after milling. The costs for these items shall be included in the contract unit price.

## **BITUMINOUS CONCRETE IN PLACE** **SPECIFICATIONS**

### **Description:**

This item shall consist of providing bituminous concrete pavement in place on Davis St, Platt Rd, Riverside St, and Woodvine Ave. in Watertown, Connecticut. All work performed under this item shall be in accordance with the State of Connecticut Department of Transportation "Standard Specifications for Roads, Bridges and Incidental Construction", Form 818 as amended. It should be noted that reference to the Form 818 is for convenience only and that this is not an 818 job nor are all of the terms and conditions of the Form 818 applicable.

Roadway utility structure adjustments will be done using riser rings and will be installed in advance of paving by the contractor personnel.

The street to be overlaid requires various degrees of application of bituminous concrete after the milling is complete. Some areas of the street will require only the minimum overlay thickness of 2" compacted. Other areas will require both a "leveling" course to fill depressions and an overlay of the minimum 2" compacted. Still other areas will require "wedging" of various degrees to develop a reasonable cross slope. These "wedged" sections of street may require the additional application of the minimum 2" overlay compacted. The Town inspector shall determine the location and degree of application of "leveling", "wedging" and overlay courses. All areas of pavement to be overlaid and contact surfaces of curbing, manholes, etc. shall have a thin uniform coat of tack coat applied at a rate of 20 square yards per gallon prior to paving.

The unit price bids shall be for Class 2 bituminous concrete delivered and placed complete to the satisfaction of the Town Engineer, regardless of whether it is the applications of a "leveling", "wedging" or overlay course. Asphalt escalation costs shall be included in the unit price bid and shall not be considered or paid as a separate item.

The estimated quantity of bituminous concrete for the entire project is 5,774 tons and 3,514 gallons of material for tack coat.

The quantity shown above is to be considered as approximate only. The Town reserves the right to increase or decrease the amount of the work as may be deemed necessary.

Bidder must be able to meet the following equipment specifications:

### **Paving Equipment:**

Paving equipment shall be of the self-powered type with an adapter to provide guidance of the screeding action. The screed or strike-off member shall be adjustable to the shape of the cross-section of the finished pavement. Some method shall be provided for the tilting of the screed while in operation to secure the proper "drag" and to provide compressive screeded surface required. The machine shall have a sufficient number of driving wheels so there will be no undue amount of slippage. Whenever the design of the equipment and plan of operation are such that the driving wheels travel on the finished surface of a completed pavement, said wheels shall be equipped with rubber tires or other means to protect the finished surface. Screeding members shall be preheated and means shall be provided for heating and screeding members by some method that will prevent accumulation of bituminous material. Extendable paver screeds must be of the vibratory type when used.

**Compaction:**

After placing, each course shall be thoroughly compacted.

**Non-Vibratory Rollers:**

In general, rolling shall consist of breakdown rolling and finish rolling. Rolling shall be performed with at least two power-driven steel-wheel tandem or 3-wheel rollers weighing not less than 10 tons for each single-lane paver.

All non-vibratory rollers shall travel at a speed no greater than 5 mph (400 fpm).

**Vibratory Rollers:**

The Contractor may include a vibratory roller in the compaction train providing the vibratory roller is operated in accordance with the manufacturer's recommendations. The vibratory roller shall be of a self-propelled type specifically designed for the compaction of bituminous concrete.

Vibratory rollers shall be equipped with a speed control device which shall be set by the Contractor to prevent the roller from traveling in excess of 2-1/2 mph or 220 fpm when the roller is operating in a vibratory mode, and 5 mph or 44fpm when the roller is operating in the static mode.

All vibratory rollers shall be shut off from the vibrating mode when reversing directions. All vibratory rollers shall be equipped with automatic reversing eccentrics (weights).

The course shall be finish-rolled with a steel-wheel tandem roller having a minimum weight of 10 tons.

Dual vibrating drum rollers meeting the requirements of a steel-wheel tandem roller and operating in the static mode may be used as the finish roller; however, this single vibratory roller shall not be used as both breakdown roller and the finish roller.

A minimum of one vibratory roller and one steel-wheel tandem roller shall be provided for each single-lane paver. The Engineer must approve the type(s) of rollers and number.

The Contractor assumes full responsibility for the cost of repairing all damages, which may occur to highway components and adjacent property. If the Engineer determines that the compaction obtained is less than specified, or damage to highway components and/or adjacent property occurs with the use of the vibratory compaction equipment, the Contractor at no additional expense shall immediately cease using the equipment and shall proceed with the work in accordance with the conventional compaction procedure outlined in the specifications.

All work shall be to the satisfaction of the Town Engineer. Work performed that is not done to the satisfaction of the Town Engineer shall be rectified to his satisfaction at no additional expense to the Town.

**Method of Measurement:**

The quantity of bituminous concrete will be measured for payment by the net weight, in tons, measured on the hauling vehicles on scales. The total weight will be the summation of weigh slips of bituminous concrete actually incorporated in the work

Material for tack coat will be measured for payment by volume in thousand-gallons.

**Basis of Payment:**

The furnishing and placing of bituminous concrete will be paid for at the contract unit price per ton for “Bituminous Concrete, Class 2” and tack coat shall be per thousand-gallons.

**Testing Laboratories**

The Contractor shall provide, at no additional cost to the Owner, the services of approved testing laboratories to take samples of materials and perform tests as required under this Contract or as ordered by the Engineer. Payment for these services shall be included under the applicable items of the Contract, unless otherwise specified. Contractor will notify on-call testing service company at least 24 hours in advance for compaction testing. Compaction tests are required on base materials prior to placing asphalt and on bituminous concrete pavement during rolling operations. A minimum of six (6) satisfactory tests per material per lift are required.

**TECHNICAL SPECIFICATIONS**  
**REPAIR AND REPLACE BITUMINOUS CONCRETE CURB**

**Bituminous Concrete Curb**

The item for “Bituminous Concrete Curb.” Bituminous concrete curbing shall consist of machine laid bituminous concrete, constructed on the pavement to the dimensions and details shown on the plans, or as ordered, and in accordance with the specifications

**Materials**

Materials, including tack coat, for this work shall meet the requirements of M.04, curb mix.

**Construction Methods**

The provisions of 4.06 shall govern except that the requirements pertaining to density will not apply. In addition, the curbing shall be constructed in accordance with the following requirements: Prior to the arrival of the mixture on the Project Site, the surface of the pavement where the curbing is to be constructed shall be cleaned of all loose and foreign material. The surface, which shall be perfectly dry and clean at the time the mix is placed, shall be coated with an approved tack coat just prior to placing the mixture. On arrival at the Site, the mixture shall be transferred from the truck to the hopper of the curbing machine; and the mixture shall be kept clean and free from dirt and foreign materials at all times. The surface of the curbing shall be tested with a 10 foot straightedge, and any variation from a true line exceeding 1/4 inch shall be satisfactorily corrected. The only compaction required shall be that obtained by the approved mechanical curbing machine. Where machine work is impractical, the Engineer may permit hand-laid curbing to be constructed. If the design of the curbing machine is such that the outside wheels operate outside of the curb, the Contractor will be required to obtain a smooth surface by grading and consolidating the area on which the outside wheel of the machine rides, and this work shall be done at the Contractor’s expense. After the completion of curbing, traffic shall be kept at a safe distance for a period of not less than 24 hours and until the curbing has set sufficiently to prevent injury or damage to the work.

**Method of Measurement**

This work will be measured for payment along the top of the curb and will be the actual number of linear feet of bituminous concrete curbing completed and accepted.

**Basis of Payment**

This work will be paid for at the Contract unit price per linear foot for "Bituminous Concrete Curbing" of the type specified, complete in place, which price shall include all materials, equipment, tools and labor incidental thereto. Pay Item Pay Unit Bituminous Concrete (Type) Curbing l.f.

## **MAINTENANCE AND PROTECTION OF TRAFFIC SPECIFICATIONS**

### **Description**

The item for “Maintenance and Protection of Traffic” shall include all labor, equipment and materials required in accordance with the Form 818, except that this item shall also include the cost of furnishing and maintaining signs, posts, supports, barricades, drums, lights, delineators, traffic cones and furnishing and placing of materials such as borrow, gravel, crushed stone, bituminous concrete for patching and pipe. Contractor is solely responsible for work zone safety and shall provide, at a minimum, the work zone signage attached and/or as required by either the Town of the state of Connecticut Department of Transportation for a roadway with a posted speed limit of 25 miles per hour. Roadway shall be kept open to at least one-way traffic at all times by means of a paved travel path not less than eleven feet (11’) in width, and shall be opened to two way traffic at the completion of the work day. The Contractor is to work with adjacent property owners to provide access to individual homes to the greatest extent practicable. Work zone cone, barricade and signage patterns shall be based upon the posted speed limit of 25 miles per hour and the attached plates.

All transverse pavement height differentials shall be tapered enough to the satisfaction of the Town, so as to negate any “bump” to traffic. Material for this taper shall be bituminous concrete and shall be paid for under the item “Maintenance and Protection of Traffic.”

### **Commercial and Residential Driveways**

The contractor shall maintain access to and egress from all commercial and residential driveways throughout the project limits. The Contractor shall be allowed to close said driveways to perform required work during those periods when the businesses are closed unless permission is granted from the business owner to close the driveway during business hours. If a temporary closure of a residential driveway is necessary, the Contractor shall coordinate with the owner to determine the time period of closure.

### **Signing**

The Contractor shall maintain all existing signage throughout the project limits during the duration of the project. The Contractor shall temporarily relocate existing signs and sign supports as many times as deemed necessary by the Town and shall install temporary sign supports and foundations if necessary and as directed by the Town. The temporary relocation of any existing signage and the furnishing, installation, and removal of any temporary supports and foundations, shall be paid for under the item “Maintenance and Protection of Traffic.” When all work is completed, the Contractor shall restore existing signs and pavement markings.

### **Method of Measurement**

This work will not be measured for payment.

### **Basis of Payment**

This work will be paid for at the contract lump sum price for “Maintenance and Protection of Traffic” in accordance with Article 9.71 of the Form 818, except that this item will also include all costs for signs, barricades, drums, traffic cones, lights, delineators and the cost of furnishing and placing of materials such as borrow, gravel,

crushed stone, bituminous concrete for patching, pipes and temporary repairs or to maintain safe and efficient vehicular and pedestrian traffic.

**TECHNICAL SPECIFICATIONS**  
**PAINTED PAVEMENT MARKINGS, SYMBOLS AND LEGENDS**

**Painted Pavement Markings**

The item for “Painted Pavement Markings, Symbols and Legends” shall include all labor, equipment and materials required to provide hot applied pavement markings of the width and color specified and hot applied pavement markings, symbols and legends at the locations shown on the plans or as directed by the Town, in place according to Section 12.09 of the Form 818, as amended.

**Materials**

Materials shall conform to the requirements of Section M.07.20 of the Form 818, as amended.

**Construction Methods**

Construction methods shall comply with the requirements of Section 12.09.03 of the Form 818, as amended. Painted pavement markings, symbols and legends include stop bars, crosswalks, parking stalls, lane arrows, legends and markings.

**Method of Measurement**

This work will be measured for payment by the following:

Number of linear feet of painted pavement markings applied and accepted.

Number of square feet of painted pavement markings, symbols and legends installed on the pavement and accepted by the Town.

**Basis of Payment**

This work will be paid for as follows:

Contract unit price per linear foot of “Painted Pavement Markings” of the width and color specified, installed and accepted complete in place, which price shall include all equipment, material, labor, tools and work incidental thereto. Payment will not be made for pavement markings affected by Contractor error and ordered removed.

Number of linear feet of painted pavement markings installed on the pavement and accepted by the Town.

Number of square feet of painted pavement markings, symbols and legends installed on the pavement and accepted by the Town.

**TECHNICAL SPECIFICATIONS**  
**CATCH BASIN REPAIR AND REPLACEMENT OF TOPS**

**Repair Catch Basins**

The item for “Repair of Catch Basins” shall include all labor, equipment and materials required at the locations shown on the plans or as directed by the Town, in place according to Section 12.09 of the Form 818, as amended. The catch basins shall be repaired from top of frame three courses brick or block down.

**Materials**

5.86.02—Materials: The materials for this work shall meet the following requirements: Drainage structures shall meet the requirements of M.08.02 and shall utilize concrete with a 28-day minimum compressive strength of 4000 psi. Galvanizing shall meet the requirements of M.06.03. Mortar shall meet the requirements of M.11.04. Butyl rubber joint seal shall meet the requirements of ASTM C990. Granular fill, if necessary, shall meet the requirements of M.02.01. Protective compound material shall be a type listed on the Department’s Qualified Products List and be acceptable to the Engineer, as specified in M.03.09

**Construction Methods**

Construction methods shall comply with the requirements of Section 5.86.03 of the Form 818, as amended.

**Method of Measurement**

This work will be measured for payment by the following:

Manholes, Catch Basins and Drop Inlets will be measured as separate units. Resetting of Manholes, Catch Basins and Drop Inlets will be measured as separate units. Replacement of frames, covers, and tops will be measured as a unit for catch basin top or manhole frame and cover accepted by the Town.

**Basis of Payment**

This work will be paid for as follows:

for the installation of proposed structures described herein will be included in the unit price paid for the respective drainage Contract item(s) for which the excavation is being performed, in accordance with the provisions of 2.86.05 and accepted by the Town.

**TECHNICAL SPECIFICATIONS**  
**FOR SWEEPING AND DUST CONTROL**

**SWEEPING FOR DUST CONTROL**

**9.39.01—Description:** This item shall consist of furnishing a pickup sweeper and accessory equipment and utilizing it for the removal of earth and other dust producing materials from paved surfaces for the purpose of allaying dust conditions. 9.39.03—Construction Methods: The Contractor shall have available and maintain in an operable condition equipment capable of efficiently sweeping up earth and other materials from paved surfaces. This equipment shall include suitable provisions for the application of water ahead of the sweeping brooms to prevent dusting, for the pickup, internal storage and removal of sweepings, and for the cleaning of areas of heavy accumulation beyond the capacity of the sweeper. The sweeping operations shall be under the control of the Engineer at all times. Sweeping shall take place at locations and times directed by the Engineer. The disposal of all sweepings shall meet with the approval of the Engineer.

**9.39.04—Method of Measurement:** Sweeping will be measured for payment by the number of hours of actual sweeping activity by the pickup sweeper or other mechanized equipment necessary for the removal of earth or dust producing materials from paved surfaces as directed by the Engineer or in the Contract.

**9.39.05—Basis of Payment:** Sweeping will be paid for at the Contract unit price per hour for "Sweeping for Dust Control," which price shall include the furnishing of all equipment, water, tools, labor and work incidental thereto. This price shall also include the maintenance of the pickup sweeper for the life of the Contract.

**CALCIUM CHLORIDE FOR DUST CONTROL**

**9.42.01—Description:** This item shall consist of furnishing calcium chloride and spreading it on the subgrade or in other areas of a Project under construction, for the purpose of allaying dust conditions. Daily and on weekend or holidays in order to keep dust down and the elimination of having to power washing homes in the project area.

**9.42.02—Materials:** Calcium chloride shall meet the requirements of AASHTO M 144, except that the pellet form and the flake form shall be equally acceptable.

**9.42.03—Construction Methods:** Calcium chloride shall be applied only at the locations, at such times and in the amount as may be directed by the Engineer. It shall be spread in such a manner and by such devices that uniform distribution is attained over the entire area on which it is ordered placed.

**9.42.04—Method of Measurement:** Weights as marked on the shipping containers shall be used; or if directed by the Engineer, scales shall be furnished by and at the expense of the Contractor, and the calcium chloride weighed in a manner satisfactory to the Engineer.

**9.42.05—Basis of Payment:** Payment for this work will be made at the Contract unit price per ton for "Calcium Chloride for Dust Control," which price shall include all material, equipment, tools, labor and work incidental thereto.

## **WATER FOR DUST CONTROL**

**9.43.01—Description:** This item shall consist of furnishing water equipment, water, and applying it for the purpose of allaying dust conditions. Daily and on weekend or holidays in order to keep dust down and the elimination of having to power washing homes in the project area.

**9.43.03—Construction Methods:** The application of water shall be under the control of the Engineer at all times. It shall be applied only at locations at such times, and in the amount as may be directed by the Engineer. Quantities of water wasted or applied without authorization will not be paid for. The Contractor shall have available and maintain in an operable condition at all times, sufficient equipment for the purpose of applying water for dust control. This equipment shall consist of pipelines, tanks, tank-trucks, pumps, meters, hose, distributors or other devices approved by the Engineer. A suitable device for a positive shutoff and for regulating the flow of water shall be located so as to permit positive operator control.

**9.43.04—Method of Measurement:** This work will be measured for payment by the number of m. gallons. The water will be measured in tanks or tank-trucks of predetermined capacity, or by means of satisfactorily installed meters. Any and all measuring devices shall be furnished by the Contractor.

**9.43.05—Basis of Payment:** This work will be paid for at the Contract unit price per m. gallon for "Water for Dust Control," which price shall include all water, labor, and equipment including devices to measure and apply to surfaces designated by the Engineer and at the times specified. This price shall also include all work necessary to erect, relocate, re-erect, and dismantle the entire water equipment system.

## **TECHNICAL SPECIFICATIONS**

### **CATCH BASINS, MANHOLES AND DROP INLETS**

**5.86.01—Description:** The work under this Section shall consist of furnishing, preparing, and installing catch basins, manholes and drop inlets (and also the removal, abandonment, alteration, reconstruction, or conversion of such existing structures) in conformity with the lines, grades, dimensions and details shown on the plans. This Section shall also include resetting or replacing catch basin tops, as well as manhole frames and covers.

**5.86.02—Materials:** The materials for this work shall meet the following requirements: Drainage structures shall meet the requirements of M.08.02 and shall utilize concrete with a 28-day minimum compressive strength of 4000 psi. Galvanizing shall meet the requirements of M.06.03. Mortar shall meet the requirements of M.11.04. Butyl rubber joint seal shall meet the requirements of ASTM C990. Granular fill, if necessary, shall meet the requirements of M.02.01. Protective compound material shall be a type listed on the Department's Qualified Products List and be acceptable to the Engineer, as specified in M.03.09.

**5.86.03—Construction Methods:** Drainage trench excavation, including rock in drainage trench excavation and backfilling, shall be performed in accordance with 2.86.03 and the requirements of the plans. Where a drainage structure is to be installed below the surface, a drainage trench shall be excavated to the required depth, the bottom of which shall be graded to the elevation of the bottom of the proposed drainage structure or to ensure a uniform foundation for the structure. Where a firm foundation is not encountered at the grades established due to unsuitable material, such as soft, spongy, or unstable soil, the unsuitable material shall be removed and replaced with approved granular fill, thoroughly compacted in lifts not to exceed 6 inches. The Engineer shall be notified prior to removal of the unsuitable material in order to determine the depth of removal necessary. When rock, as defined in 2.86.01-2, is encountered, work shall be performed in accordance with 2.86.03 and the requirements

of the plans. When a drainage structure outside of proposed drainage trench limits is to be removed, it shall be completely removed and all pipes shall be removed or plugged with cement masonry. When a drainage structure is to be abandoned, the structure shall be removed to a depth 2 feet below the subgrade or as directed by the Engineer. The floor of the structure shall be broken and all pipes shall be plugged with cement masonry. Drainage structures shall be constructed in accordance with the plans and the requirements contained herein for the character of the work involved. The provisions of 6.02.03 pertaining to bar reinforcement shall apply except that shop drawings need not be submitted for approval unless called for in the plans, Contract or directed by the Engineer. Welding shall be performed in accordance with the applicable sections of the AWS Structural Welding Code, D1.1. When it becomes necessary to increase the horizontal dimensions of manholes, catch basins and drop inlets to sizes greater than those shown on the plans in order to provide for multiple pipe installations, large pipes or for other reasons, the Contractor shall construct such manholes, catch basins and drop inlets to modified dimensions as directed by the Engineer. The surfaces of the tops of all catch basins, and drop inlets shall be given a coat of protective compound material, at the manufacturer's recommended application rate, immediately upon completion of the concrete curing period. All masonry units shall be laid in full mortar beds. Metal fittings for catch basins, manholes or drop inlets shall be set in full mortar beds or otherwise secured as shown on the plans. All inlet and outlet pipes shall be set flush with the inside face of the wall of the drainage structure as shown on the plans. The pipes shall extend through the walls for a sufficient distance beyond the outside surface to allow for satisfactory connections, and the concrete or masonry shall be constructed around them neatly to prevent leakage along their outer surfaces. When constructing a new drainage structure within a run of existing pipe, the section of existing pipe disturbed by the construction shall be replaced with new pipe of identical type and size extending from the drainage structure to the nearest joint of the existing pipe in accordance with 6.86.03 or as directed by the Engineer. Backfilling shall be performed in accordance with 2.86.03. Frames, covers and tops which are to be reset shall be removed from their present beds, the walls or sides shall be rebuilt to conform to the requirements of the new construction and the frames, covers and tops shall be reset as shown on the plans or as directed by the Engineer.

**5.86.04—Method of Measurement:**

**Drainage Trench Excavation:** In accordance with 2.86.04, excavation for drainage trench will not be measured for payment but shall be included in the Contract unit price for the type of structure being installed.

**Rock in Drainage Trench Excavation:** The volume in cubic yards of Rock in Drainage Trench Excavation will be measured in accordance with the drainage trench excavation limits described in 2.86.03.

**Manholes, Catch Basins and Drop Inlets** will be measured as separate units.

**Resetting of Manholes, Catch Basins and Drop Inlets** will be measured as separate units.

**Replacement of frames, covers, and tops** will be measured as a unit for catch basin top or manhole frame and cover.

**Conversion of drainage structures** as specified on the plans, or as directed by the Engineer, including structure reconstruction will be measured for payment as a unit.

**Removal or abandonment of drainage structures** outside of drainage trench excavation limits, as defined in 2.86.03, will be measured as separate units. There will be no measurement or direct payment for the application of the protective compound material, the cost of this work shall be considered as included in the general cost of the work. Measurement for payment for work and materials involved with installing pipes to connect new drainage structures into a run of existing pipe will be as provided for under the applicable Contract items in accordance with 6.86.04. There will be no measurement or direct payment for plugging existing pipes with cement masonry, the cost of this work will be considered as included in the general cost of the work.

**5.86.05—Basis of Payment:**

**Drainage Trench Excavation** for the installation of proposed structures described herein will be included in the unit price paid for the respective drainage Contract item(s) for which the excavation is being performed, in accordance with the provisions of 2.86.05.

**Rock in Drainage Trench Excavation** will be paid for in accordance with the provisions of 2.86.05.

**Manholes and Catch Basins** will be paid for at the Contract unit price for each "Manhole," or "Catch Basin," of the type and size specified, at "0' to 10' Deep" or "0' to 20' Deep," complete in place, which price shall include all excavation, backfill, materials, equipment, tools and labor incidental thereto.

**Drop Inlets** will be paid for at the Contract unit price for each "Drop Inlet," of the type specified, complete in place, which price shall include all excavation, backfill, materials, equipment, tools and labor incidental thereto.

**Manholes, Catch Basins and Drop Inlets** constructed to modified dimensions as directed by the Engineer, will be paid for as follows: Where the interior floor area has to be increased to accommodate existing field conditions, as measured horizontally at the top of the base of the completed structure, and does not exceed 125% of the interior floor area as shown on the plans for that structure, then the structure shall be paid for at the Contract unit price for each "Manhole," "Catch Basin," or "Drop Inlet" of the type specified. Where the floor area is greater than 125%, the increase in the unit price for the individual structure shall be in direct proportion to the increase of the completed structure interior floor area as compared to the interior floor area as shown on the plans for that structure. Such increased unit price shall include all excavation, materials, equipment, tools, and labor incidental to the completion of the structure. 2365.86.05

**Reset Units** will be paid for at the Contract unit price each for "Reset Manhole (Type)," "Reset (Type) Catch Basin," or "Reset (Type) Drop Inlet," respectively, complete in place, which price shall include excavation, cutting of pavement, removal and replacement of pavement structure, and all materials, equipment, tools and labor incidental thereto, except when the work requires reconstruction greater than 3 feet, measured vertically, then the entire cost of resetting the unit will be paid for as Extra Work in accordance with the provisions of 1.04.05.

**Frames, Covers, and Tops**, when required in connection with reset units, will be paid for at the Contract unit price each for such "Manhole Frame and Cover" or "(Type) Catch Basin Top," complete in place, including all incidental expense; or when no price exists, the furnishing and placing of such material will be paid for as Extra Work in accordance with the provisions of 1.04.05. When the catch basin top has a stone or granite curb in its design, the curb or inlet shall be included in the cost of the "(Type) Catch Basin Top."

**Conversion of drainage structures** will be paid for at the Contract unit price each for "Convert Catch Basin to (Type) Catch Basin," "Convert Catch Basin to (Type) Manhole," or "Convert Manhole to (Type) Catch Basin," complete in place, which price shall include excavation, cutting of pavement, removal and replacement of pavement, backfill, all alterations to existing structure, all materials including catch basin frame and grate of the type specified, or manhole frame and cover, all equipment, tools and labor incidental thereto. The maximum change in elevation of frame under these items shall not exceed 3 feet. Greater depth changes, if required, shall be paid for as Extra Work, in accordance with 1.04.05.

**Removal or abandonment of drainage structures** outside of drainage trench excavation limits as defined in 2.86.03 will be paid for at the Contract unit price each for "Remove Drainage Structure – 0' to 10' Deep," "Remove Drainage Structure – 0' to 20' Deep," or "Abandon Drainage Structure," which price shall include excavation, cutting of pavement, removal and replacement of pavement, backfill, and all equipment, tools and labor incidental thereto.

Pay Item	Pay Unit
(Type) Catch Basin – 0' to 10' Deep	ea.
(Type) Catch Basin – 0' to 20' Deep	ea.
Manhole (Size) – 0' to 10' Deep	ea.
Manhole (Size) – 0' to 20' Deep	ea.

(Type) Drop Inlet	ea.
(Type) Catch Basin – 0' to 10' Deep	ea.
(Type) Catch Basin – 0' to 20' Deep	ea.
Manhole (Size) – 0' to 10' Deep	ea.
Manhole (Size) – 0' to 20' Deep	ea.
(Type) Drop Inlet	ea.
Reset (Type) Catch Basin	ea.
Reset Manhole (Type)	ea.
Reset (Type) Drop Inlet	ea.
Convert Catch Basin to (Type) Catch Basin	ea.
Convert Catch Basin to (Type) Manhole	ea.
Convert Manhole to (Type) Catch Basin	ea.
Manhole Frame and Cover	ea.
(Type) Catch Basin Top	ea.
Remove Drainage Structure – 0' to 10' Deep	ea.
Remove Drainage Structure – 0' to 20' Deep	ea.
Abandon Drainage Structure	ea.

**PROPOSAL**

The following items shall be provided in accordance with the State of Connecticut Department of Transportation "Standard Specifications for Roads, Bridges and Incidental Construction", Form 818, as amended.

**NOTE:** The Computed Totals are for convenience in initial comparison of bids and are not an official part of this Proposal. The Town reserves the right to eliminate any Item or portion of the work, which it deems to be in its best interest.

Estimated Description/Unit Price	Quantities	Totals
-------------------------------------	------------	--------

**Item # 1**  
**Milling Bituminous Concrete (0 to 4 inches)**

The unit price of \_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per square yard. (SY)                      50,208 SY                      \$ \_\_\_\_\_

**Item # 2**  
**Bituminous Concrete Class 2 in Place**

The unit price of \_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per Ton.    5,774 Tons    \$ \_\_\_\_\_

**Item # 3**  
**Maintenance and Protection of Traffic**

The lump sum price of \_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per each.    1 LS    \$ \_\_\_\_\_

**Item # 4**  
**4-Inch Double Yellow Painted Pavement Markings**

The unit price of \_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per linear foot. (LF)    17,192 LF    \$ \_\_\_\_\_

**Item # 5**

**4-Inch White Painted Pavement Markings**

The unit price of

\_\_\_\_\_ Dollars

and \_\_\_\_\_ Cents

(\$ \_\_\_\_\_) per linear foot. (LF)

11,678 LF

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

**Item # 6**

**Painted Pavement Markings, Symbols and Legends**

The unit price of

\_\_\_\_\_ Dollars

and \_\_\_\_\_ Cents

(\$ \_\_\_\_\_) per square foot. (SF)

4,692 SF

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

**Item # 7**

**Repair of Catch Basins**

The unit price of

\_\_\_\_\_ Dollars

and \_\_\_\_\_ Cents

(\$ \_\_\_\_\_) Ea.

22 Ea.

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

**Item # 8**

**Replacement of Catch Basin Tops**

The unit price of

\_\_\_\_\_ Dollars

and \_\_\_\_\_ Cents

(\$ \_\_\_\_\_) Ea.

47 Ea.

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

**Item # 9**

**Sweeping for Dust Control**

The unit price of

\_\_\_\_\_ Dollars

and \_\_\_\_\_ Cents

(\$ \_\_\_\_\_) per hour.

0.0 HR

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

**Item # 10**

**Calcium Chloride for Dust Control**

The unit price of

\_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per Ton.

0.0 Ton. \$ \_\_\_\_\_

**Item # 11**

**Water for Dust Control**

The unit price of

\_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per thousand-gallons.

1000.0 gal. \$ \_\_\_\_\_

**Item # 12**

**Bituminous Saw Cutting**

The unit price of

\_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per linear foot (LF)

536 LF \$ \_\_\_\_\_

**Item # 13**

**Bituminous Pavement for Driveway Aprons**

The unit price of

\_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per Ton

100 Ton \$ \_\_\_\_\_

**Item # 14**

**Pipe tie ins**

The unit price of

\_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) (EA)

00 EA \$ \_\_\_\_\_

**Item # 15**  
**Tack Coat**

The unit price of

\_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per thousand-gallons

3,514.0 gal. \$ \_\_\_\_\_

**Item # 16**  
**15" High Density Polyethylene Pipe - 0'-10' Deep**

The unit price of

\_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per linear foot

0.0 LF \$ \_\_\_\_\_

**Item # 17**  
**Type "C" Catch Basin - 0'-10' Deep**

The unit price of

\_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) Ea.

21.0 Ea. \$ \_\_\_\_\_

**Item # 18**  
**Leveling Crouse**

The unit price of

\_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per Ton.

500 Ton \$ \_\_\_\_\_

**Item # 19**  
**Bituminous Curbing**

The unit price of

\_\_\_\_\_ Dollars  
and \_\_\_\_\_ Cents  
(\$ \_\_\_\_\_ ) per liner foot.

160 LF \$ \_\_\_\_\_

Computed  
Total \$ \_\_\_\_\_

NOTE: The Town reserves the right to eliminate any item or portion of the work which it deems to be in its best interest.

Payment Terms \_\_\_\_\_

Time to Completion \_\_\_\_\_ Working Days

Warranty \_\_\_\_\_

Have you taken any exceptions or have you deviated from our printed specification and if so, are such suggested changes clearly noted on the page provided for exceptions to specifications?:

yes

no

**TOWN OF WATERTOWN  
WATERTOWN, CONNECTICUT 06795**

**BID PROPOSAL: Milling and Paving  
BID OPENING: August 8, 2023, 11:00 a.m.**

**TO: Donna Ford, Purchasing Agent  
Town of Watertown  
Town Hall  
61 Echo Lake Road  
Watertown, CT 06795**

The undersigned, as bidder, agrees to furnish material, labor and equipment for milling and paving and declares that no person or persons, other than those named herein, are interested in this Proposal; that this Proposal is made without collusion with any person, firm, or corporation; that he has carefully examined the location of the proposed work therein referred to; that no person or persons acting in any official capacity for the Town is directly or indirectly interested therein or in any portion of the profit thereof; and that he proposes and agrees, if this Proposal is accepted; to provide all necessary equipment, tools, labor and deliver and to do all work and furnish all materials specified, in the manner and time therein prescribed, and according to the requirements of the Town as therein set forth, and that he will take in full payment therefor, the following unit prices and lump sums, to wit:

FIRM \_\_\_\_\_  
Name

\_\_\_\_\_  
Street

\_\_\_\_\_  
City State Zip Code

NAME \_\_\_\_\_  
Please Print

TELEPHONE NUMBER \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

SIGNED \_\_\_\_\_ DATE \_\_\_\_\_



**RECEIPT OF ADDENDA**

<b><u>ADDENDUM #</u></b>	<b><u>SIGNATURE</u></b>	<b><u>DATE</u></b>
1.	_____	__/__/__
2.	_____	__/__/__
3.	_____	__/__/__
4.	_____	__/__/__

NAME OF BIDDER: \_\_\_\_\_

OFFICIAL ADDRESS: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
(Please Print)

DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

**PROPOSED SUBCONTRACTORS**

FIRM \_\_\_\_\_  
Name \_\_\_\_\_  
Street \_\_\_\_\_  
City State Zip Code

CONTACT \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
Please Print  
TYPE OF WORK TO BE PERFORMED \_\_\_\_\_

---

FIRM \_\_\_\_\_  
Name \_\_\_\_\_  
Street \_\_\_\_\_  
City State Zip Code

CONTACT \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
Please Print  
TYPE OF WORK TO BE PERFORMED \_\_\_\_\_

---

FIRM \_\_\_\_\_  
Name \_\_\_\_\_  
Street \_\_\_\_\_  
City State Zip Code

CONTACT \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
Please Print  
TYPE OF WORK TO BE PERFORMED \_\_\_\_\_



4. Has the Bidder ever failed to complete work awarded to him; and if so, state where and why.

---

---

---

---

5. Does the Bidder plan to sublet any part of this work; and if so, give details.

---

---

---

---

**PERFORMANCE BOND**

KNOW ALL MEN BY THESE PRESENTS: that

\_\_\_\_\_  
(Name of Contractor)

\_\_\_\_\_  
(Address of Contractor)

a \_\_\_\_\_, hereinafter called Principal  
and (Corporation, Partnership, or Individual)

\_\_\_\_\_  
(Name of Surety)

\_\_\_\_\_  
(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

\_\_\_\_\_  
(Name of Owner)

\_\_\_\_\_  
(Address of Owner)

hereinafter called OWNER, in the penal sum of \_\_\_\_\_ Dollars,  
\$(\_\_\_\_\_) in lawful money of the United States, for the payment of which sum well and  
truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these  
presents.

**THE CONDITION OF THIS OBLIGATION** is such that whereas, the Principal entered into a  
certain contract with the OWNER, dated the \_\_\_ day of \_\_\_\_\_, 20\_, a copy of which is  
hereto attached and made a part hereof for the construction of:

\_\_\_\_\_  
\_\_\_\_\_

**NOW, THEREFORE**, if the Principal shall well, truly and faithfully perform its duties, all the  
undertakings, covenants, terms, conditions, and agreements of said contract during the original term  
thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the  
Surety and during the one year guaranty period, and if he shall satisfy all claims and demands incurred  
under such contract, and shall fully indemnify and save harmless the OWNER from all costs and  
damages which it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER  
all outlay and expense which the OWNER may incur in making good any default, then this obligation  
shall be void; otherwise to remain in full force and effect.

**PROVIDED, FURTHER**, that the said surety, for value received hereby stipulates and agrees that no  
change, extension of time, alteration or addition to the terms of the contract or to WORK to be  
performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its  
obligation on this BOND, and it does hereby waive notice of any such change, extension of time,

alteration or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS. **PROVIDED, FURTHER**, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

**IN WITNESS WHEREOF**, this instrument is executed in \_\_\_\_\_ counterparts each one of which shall be deemed an original, this \_day of \_\_\_\_\_, 20\_.

ATTEST:

\_\_\_\_\_  
Principal

\_\_\_\_\_  
(Principal)  
Secretary (SEAL)

By \_\_\_\_\_ (s)

\_\_\_\_\_  
(Witness as to Principal)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Address)

\_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Surety

\_\_\_\_\_  
(Surety)  
Secretary (SEAL)

By \_\_\_\_\_

---

(Witness as to Surety)

Attorney-in-Fact

---

(Address)

---

---

(Address)

---

**NOTE:** Date of BOND must not be prior to date of Contract.

If CONTRACTOR is Partnership, all partners should execute BOND

**IMPORTANT:** Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the PROJECT is located.

# PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that

\_\_\_\_\_  
(Name of Contractor)

\_\_\_\_\_  
(Address of Contractor)

a \_\_\_\_\_, hereinafter called Principal and  
(Corporation, Partnership, or Individual)

\_\_\_\_\_  
(Name of Surety)

\_\_\_\_\_  
(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

\_\_\_\_\_  
(Name of Owner)

\_\_\_\_\_  
(Address of Owner)

hereinafter called OWNER, in the penal sum of \_\_\_\_\_  
Dollars, \$(\_\_\_\_\_) in lawful money of the United States, for the payment of  
which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly  
and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered  
into a certain contract with the OWNER, dated the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, a  
copy of which is hereto attached and made a part hereof for the construction of:

\_\_\_\_\_  
\_\_\_\_\_

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all  
the undertakings, covenants, terms, conditions, and agreements of said contract during the  
original term thereof, and any extensions thereof which may be granted by the OWNER,  
with or without notice to the Surety and during the one year guaranty period, and if he shall  
satisfy all claims and demands incurred under such contract, and shall fully indemnify and  
save harmless the OWNER from all costs and damages which it may suffer by reason of  
failure to do so, and shall reimburse and repay the OWNER all outlay and expense which  
the OWNER may incur in making good any default, then this obligation shall be void;  
otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in \_\_\_\_ counterparts each one of which shall be deemed an original, this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

ATTEST:

\_\_\_\_\_  
Principal

\_\_\_\_\_  
By \_\_\_\_\_(s)  
(Principal) Secretary  
(SEAL)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Witness as to Principal)

\_\_\_\_\_  
(Address)

ATTEST:

\_\_\_\_\_  
Surety

\_\_\_\_\_  
By \_\_\_\_\_  
(Surety) Secretary  
(SEAL)

\_\_\_\_\_  
Attorney-in-Fact

\_\_\_\_\_  
(Witness as to Surety)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Address)

NOTE: Date of BOND must not be prior to date of Contract.  
If CONTRACTOR is Partnership, all partners should execute BOND

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the PROJECT is located.

**BID BOND**

NAME OF PRINCIPAL (Contractor, Second Party, Etc.): TOWN/CITY OF Project or Contract Identification STANDARD BID BOND KNOW ALL PERSONS BY THESE PRESENTS: That We,

.....  
....., of

....., hereinafter called the "Principal", as Principal, and

.....

..... a corporation organized and existing under the laws of the State of ....., and duly authorized to transact a surety business in the State of Connecticut, hereinafter called the "Surety," as Surety, are held and firmly bound unto the Town/City of ....., as "Obligee," in the penal sum of THIRTY PERCENT (30%) OF THE AMOUNT OF THE ATTACHED BID in lawful money of the United States of America, for the payment of which, well and truly to be made to the Obligee, we bind ourselves, our heirs, successors, and assigns, jointly and severally, firmly by these presents. Signed, sealed and delivered this ..... day of....., 20.....

THE CONDITION OF THIS OBLIGATION is such, that whereas the said Principal has herewith submitted, his bid dated ..... 20\_\_\_, for

.....

.....

....., NOW, THEREFORE, if the Principal shall not withdraw its bid within sixty (60) days after the opening of the same, and if said bid shall be accepted and the contract awarded to said Principal, and the Principal shall, when required by the ....., or his authorized agent, execute and agreement in writing for the work bid upon, and deliver such surety bonds as shall be acceptable to said ..... for the performance of the work according to said written agreement and for the protection of person supplying labor or materials in the prosecution of said work, and shall in all other respects perform the agreement created by the acceptance of said bid, then this obligation shall be void; otherwise the Principal and Surety hereto agree to pay unto the Obligee the difference between the amount of the bid of said Principal, submitted herewith, and the amount for which the Obligee may contract with another party to perform the work covered by the said bid of the Principal. The Surety executing this Instrument hereby agrees that its obligation shall not be impaired by any extension(s) of the time for acceptance of the bid that the Principal may grant to the Obligee, notice of which extension(s) the Surety being hereby waived; provided that such waiver of notice shall apply only with respect to extensions aggregating not more than sixty (60) calendar days in addition to the period originally allowed for acceptance of the bid. IN TESTIMONY WHEREOF, the said

.....

..... have caused these presents to be signed by their duly authorized representatives and their name and corporate seal to be hereunto affixed, the day and year first written. SURETY PRINCIPAL

\_\_\_\_\_  
\_\_\_\_\_ Print Name Print Name

\_\_\_\_\_  
\_\_\_\_\_ Agent's Signature and date Signature and date of Authorized Representative enclose valid Power of Attorne