



# City Of Torrington

ENGINEERING DEPARTMENT  
(860) 489-2234

140 Main Street • City Hall  
Torrington, CT 06790-5245  
Fax: (860) 489-2550

**March 23, 2010**

**Re: "Water Street Streetscape Improvements"**

## **ADDENDUM # 1**

- A. Replace Technical Specification pages 01005-01 and 01005-02 in its entirety with the attached revised pages numbered same.
- B. Replace Page SC-24 in its entirety with the attached revised page numbered same.
- C. Replace Drawing titled Concept Plan –Water Street Streetscape Improvements dated March 2010 in its entirety with the attached drawing with same title and dated Addendum #1 March 23, 2010. (note - one of the many revisions added to the Concept Plan addendum #1 that has not been shown on the Existing Conditions Drawing include underground electric services to buildings #41 and #23 Water Street and the alignment of the traffic signal wiring at near the crosswalk at the intersection of Water St. and Main St.)
- D. Replace Pages BF-2, BF-3 and BF4 in its entirety with the attached revised pages numbered the same.
- E. Replace Technical Specification Page 02220-04 in its entirety with the attached revised pages numbered the same.
- F. Replace Technical Specification Pages 16000-01 and 16000-3 in its entirety with the attached revised pages numbered same.
- G. Replace Technical Specification Pages 02620-01 through 02620-6 in its entirety with the attached revised pages numbered same.
- H. Add Section 10 – Certified Payroll Reports/Statement of Compliance Forms in its entirety with attached pages.
- I. Replace Technical Specification Page 02075-01 in its entirety with the attached revised pages numbered the same.
- J. Replace Technical Specification Pages 01120-1 and 01120-2 in its entirety with the attached revised pages numbered same.
- K. Replace in Section 9 the Federal Wage Rates (pages 1 – 8) with the attached updated 10 day Federal updated wage rates dated March 19, 2010 in its entirety.

Also attached and **issued for Information Only** are questions asked at the Pre-bid Meeting and the list of attendees.

## SECTION 01005

### SUMMARY OF WORK

#### PART 1 - GENERAL

##### 1.01 INTENT OF SPECIFICATIONS AND DESIGN/BUILD PLAN SUBMITTAL

The Technical Specifications herein are very specific and shall be the base specifications for the project. **Work must be done in conformance with the project Technical Specifications (and bid accordingly) and any deviations from the Technical Specifications will require City of Torrington approval. The project drawing titled “Concept Plan - Water Street Streetscape Improvements” (Concept Plan) shall be used as the basis for construction and layout and any deviations from the specific requirements of the Concept Plan must be approved by the City.** Included in the project documents for the Contractor's use is an as-built survey titled Property/Topographic Survey prepared by Milone and McBroom, Inc. Information given on this survey is for general information purposes and the Contractor shall perform his own survey work to verify and supplement the provided Topographic Survey and perform any site investigation work needed to complete the design and then construct the streetscape project. After the Contractor has investigated and verified site conditions he shall then identify on the plan any additional existing utilities, cover plates, valves, poles, signs, etc, including buried basement door hatches, and any other sidewalk intrusions. Any potential problems or physical constraints found by the Contractor during his investigation that will not allow construction to occur as per the Concept Plan or Technical Specifications (assuming the City concurs with Contractor) shall be submitted to the City with the Contractor's proposed design solution(s) for City review and approval. Any design changes and details proposed by the Contractor approved by the City shall be incorporated into a final construction drawing that shall be prepared by the Contractor's engineer. The City will review the final plan(s) and details and provide the Contractor with review comments if any. Contractor shall revise plan(s) and details addressing City comments and resubmit final design plan(s) and details for final City approval. Construction shall proceed upon City approval of final construction drawings. Items to be included in final design plans shall include but are not limited to light pole bases details, electrical conduit layout, and an overall sidewalk joint/scoring pattern in plan view. The Concept Plan will be made available to the Contractor in AutoCAD format for his use in finalizing a construction drawing(s). The Contractor shall also submit shop drawing detail items including but not limited to cat sheets, plant lists from suppliers for field tagging, lighting posts and fixtures including photometric plan, trash receptacles, etc.

A written notice for any unforeseen physical field constraints or limitations that prohibits installations as specified that are discovered during construction shall be submitted to the City with the Contractor's proposed design solution(s) for City review and approval. The maximum additional payment that may be due Contractor for any work associated with such field changes due to unforeseen physical field constraints or limitations will be paid from a separate \$10,000 allowance. The allowance is not guaranteed to be paid to the Contractor. The Contract Bid Price shall include the \$10,000 allowance. Payment from such allowance shall only be made if the Contractor believes he is entitled to part of or all of such allowance and makes a valid claim in a timely manner and the City agrees and approves such claim. Prior to final payment an appropriate change order deduction will be made to reflect the actual amount of the allowance used if any.

The Contractor, upon completion and approval of final design plans shall certify on a certification form that to the best of his knowledge, information, and belief, the Infrastructure Project, as identified herein, has been designed in substantial compliance with all requirements of the American Recovery and Reinvestment Act of 2009 and all applicable Federal and State laws, regulations, codes and design standards. Also, following final design plan(s) and details approval, the contractor shall submit shop drawings to the City for approval.

It is intended that the entire scope of work shown on the “Concept Plan” and required in the project Technical Specifications shall be constructed and finished in every respect in a good, workmanlike and substantial manner. Parts and pieces of work not specifically mentioned herein necessary for the proper and complete execution of the project shall be in accordance with the best practices and regulatory requirements and even though not mentioned or shown, shall be furnished and installed. All materials and equipment shall be new unless otherwise approved by City.

## 1.02 SCOPE

The scope of the work includes the design and construction of streetscape improvements that include new sidewalks, curb, landscaping, lighting, and some miscellaneous utility infrastructure. The limits of the improvements shall be the section of Water Street running from Main Street to Prospect Street as depicted on the Concept Plan attached herein. Work includes demolition of sidewalks, curbs and existing streetscape items. Construction work includes but is not limited to installing new concrete sidewalks and new granite curbs; milling and overlaying the street with asphalt; relocation and replacement of existing catchbasins and lateral pipe; removing old street lighting and poles and installing of new ornamental post lamps with LED fixtures; relocating existing parking meters and adding antique style armor; constructing tree planting areas/wells and planting trees; relocating an existing pedestrian crosswalk controller(s), conduit(s), conductor(s), post(s) and base(s); removing an existing fire hydrant; coordinating with Connecticut Light and Power on the installation of a new underground electrical service across Water Street to allow removal of wooden power poles; striping and markings for crosswalks, turn lanes, arrows, centerline and parking spaces and removing traffic control signs; installing street furnishings and other hardscape features. Work includes pedestrian and traffic control during the construction phases.

The owner of the building at 40 Water Street has expressed interest in contracting directly with this project's Contractor to excavate, remove and backfill an underground tank located in the sidewalk area in front of the building. All expenses associated with the tank removal work shall be the responsibility of the adjacent building owner and will not be covered under this Contract. In the case where the Contractor does not come to a separate contract agreement with the building owner and the building owner hires another contractor, work schedules shall be coordinated between the contractors to allow the tank removal work to occur prior to installation of the new sidewalk.

Work shall include developing a project schedule including a technical submittal schedule and producing a delivery staging plan. Work shall include review and coordination with governing authorities and obtaining all permits including environmental permits if needed.

The contractor shall hire an independent geotechnical testing laboratory for material testing and such laboratory shall submit certified stamped testing results by a professional Connecticut licensed Engineer to the City verifying standards are met.

Work includes coordination of work schedules with local gas, telephone, cable television, water, sewer and electric utility companies to allow such companies to install new mains and services or relocate existing utility as may be required.

Ownership of all design work shall be retained by the City. The Contractor shall furnish all engineering, technical design plans, insurance, labor, skill, supervision, tools, construction plant, equipment and materials and shall perform all operations necessary to complete the project to the satisfaction of the City and governing authorities.

The construction schedule shall be coordinated with local businesses. The section of sidewalk on Water Street fronting the Trinity Church will have a pedestrian cover over the sidewalk during their renovation to their clock tower. The Contractor shall not be able to work this section of sidewalk fronting the Trinity Church property **before April 30, 2010** and shall adjust his schedule accordingly.

**The contractor's work day shall be from 7:00 AM to 3:00 PM.** The work day shall not extend past the 3:00pm time restriction due to the afternoon traffic buildup.

Work includes a construction warranty period extending **18 months** following final acceptance.

END OF SECTION

**1. WAIVER OF RIGHTS**

Delete paragraph 5.05 of the General Conditions in its entirety.

**2. TAXES**

Delete paragraph 6.9A of the General Conditions in its entirety and insert the following in its place:

- A. OWNER is exempt from Connecticut State Sales Tax on materials and equipment to be incorporated in the Work and CONTRACTOR shall not include any amount for Said sales tax in the Cost of Work. The CONTRACTOR shall obtain from the OWNER an exemption certificate number to be used in lieu of paying the tax on exempted items.

**3. LIMITATIONS ON ENGINEER'S AUTHORITY AND RESPONSIBILITIES-**

- A. Neither ENGINEER'S nor OWNER'S. authority or responsibility under this Article 9 or under any other provision of the Contract Documents nor any decision made by the ENGINEER or OWNER in good faith either, to exercise or not. exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by ENGINEER or OWNER shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by ENGINEER or OWNER to CONTRACTOR, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- B. ENGINEER or OWNER will not supervise; direct, control, or have authority over or be responsible for CONTRACTOR's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of CONTRACTOR to comply with Laws and Regulations applicable to the performance of the Work. ENGINEER or OWNER will not be responsible for CONTRACTOR'S failure to perform the Work in accordance with the Contract Documents.
- C. ENGINEER or OWNER will not be responsible for the acts or omissions of CONTRACTOR or of Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. ENGINEER'S or OWNER'S review of the final Application for Payment and accompanying documentation and all the maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals; and other documentation required to be delivered will only be to determine generally that their content complies with the requirements of, and in the case of inspections, tests, and approvals that the results certified indicate compliance with the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this paragraph shall also apply to ENGINEER'S or OWNER'S Consultants, Resident Project Representative, and assistants.

**4. CASH ALLOWANCES**

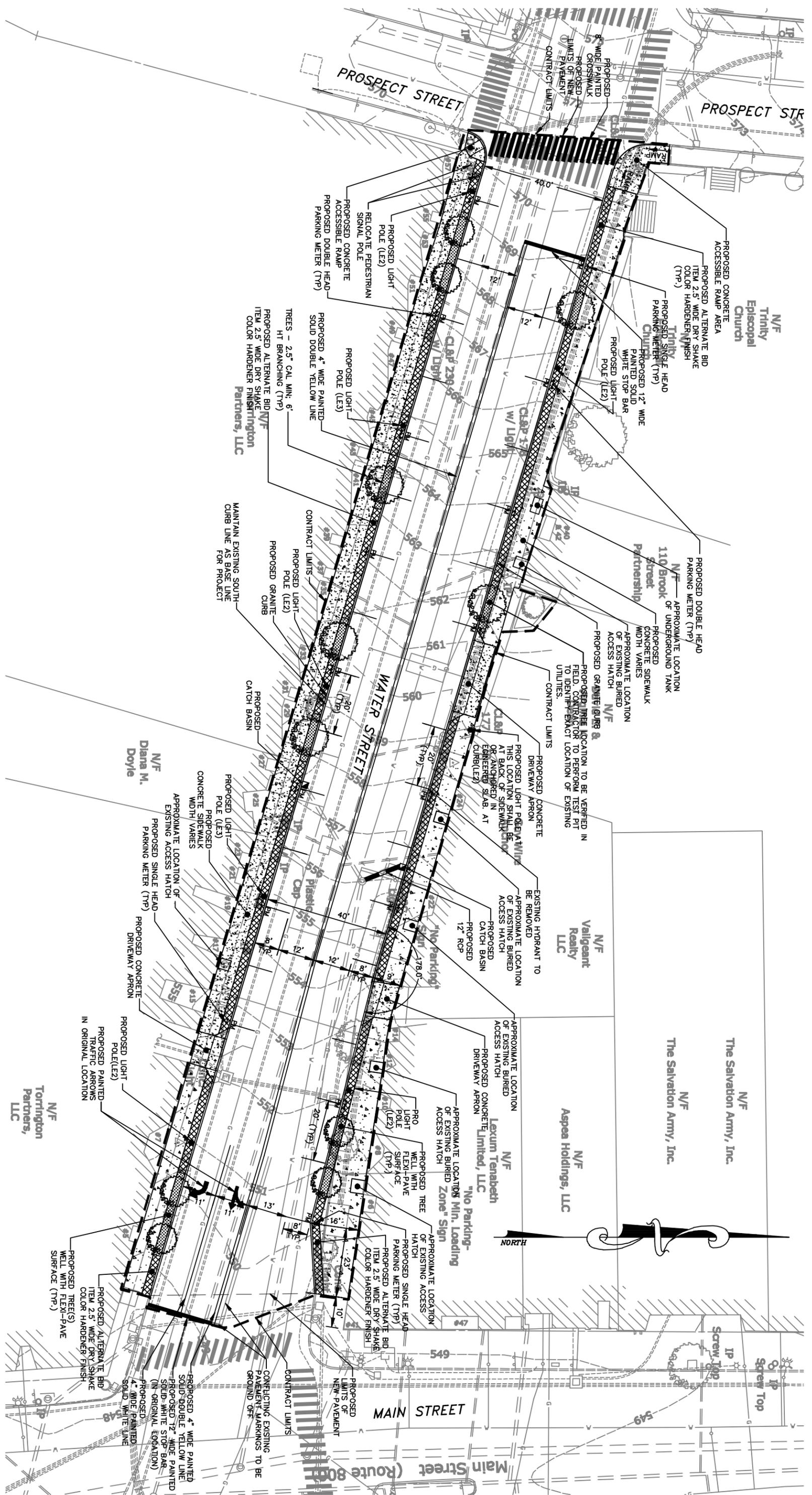
**In paragraphs 9.02, 9.03 and 9.04 of the General Conditions, replace the words “30 days” with “5 days”.**

**5. CHANGE OF CONTRACT PRICE**

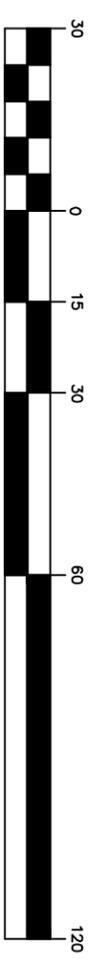
Delete the paragraph 10.01C.2.c of the General Conditions in its entirety and replace with the following:

- A. For all change order work performed on a time and materials basis, a fee for overhead and profit will be allowed over and above the "actual cost" of the work. For work performed by a subcontractor, this fee shall not exceed fifteen percent (15%) for the subcontractor and five (5%) percent for the general contractor. The general contractors five percent (5%) is calculated on the subcontractors actual cost before the fee is added. The total fee on "actual work" shall not exceed 15%. For work performed by the general contractor, this fee shall not exceed fifteen Percent (15%).

**Addendum #1 3/23/10**



GRAPHIC SCALE



NOTE: EXISTING CONDITIONS SURVEY  
 DECEMBER 2009 PREPARED BY MILONE  
 AND MAC BROOM INC. ADDRESS: 99  
 REALTY DRIVE CHESHIRE CT

# CONCEPT PLAN

## WATER STREET STREETScape IMPROVEMENTS

FROM PROSPECT TO MAIN STREET,  
 TORRINGTON, CONNECTICUT  
 PREPARED BY CITY OF TORRINGTON,  
 ENGINEERING DEPARTMENT

ADDENDUM No. 1, 3/23/10  
 MARCH 2010

**FORM OF BID**  
**“Water Street Streetscape Improvements”**  
**Torrington, Connecticut**

**READERS:** The BIDDER, in compliance with the invitation to bid for the “Water Street Streetscape Improvements” having examined the plans and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all engineering, labor, materials, and supplies, and to construct the project in accordance with the contract documents and the ARRA requirements; within the time set forth therein, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this proposal is a part.

**1. PROJECT IDENTIFICATION:**

The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as in the Technical Specification. The completed project will result in streetscape improvements for the section of Water Street running from Main Street to Prospect Street as depicted on the Concept Plan attached in the Technical Specification herein. The scope of the work includes the design and construction of streetscape improvements that include new sidewalks, curb, landscaping, lighting, and some miscellaneous utility infrastructure. The limits of the improvements shall be the section of Water Street running from Main Street to Prospect Street as depicted on the Concept Plan attached herein. Work includes demolition of sidewalks, curbs and existing streetscape items. Construction work includes but is not limited to installing new concrete sidewalks and new granite curbs; milling and overlaying the street with asphalt; relocation and replacement of existing catchbasins and lateral pipe; removing old street lighting and poles and installing of new ornamental post lamps with LED fixtures; relocating existing parking meters and adding antique style armor; constructing tree planting areas/wells and planting trees; relocating an existing pedestrian crosswalk controller(s), post(s) and base(s); removing an existing fire hydrant; coordinating with Connecticut Light and Power on the installation of a new underground electrical service across Water Street to allow removal of wooden power poles; providing traffic control during construction; striping and markings for crosswalks, turn lanes, arrows, centerline and parking spaces and removing traffic control signs; installing street furnishings and other hardscape features. Work includes pedestrian and traffic control during the construction phases.

The BIDDER shall develop detailed construction plans incorporating project specifications and shall submit plans to the City of Torrington for approval prior to beginning construction. The necessary engineering services and associated fees for the work shall be included in the Bidder’s Bid.

**2. THIS BID IS SUBMITTED TO:**

The City of Torrington, Torrington, Connecticut.

**3. BIDDER’S OBLIGATIONS & REPRESENTATIONS**

- 3.01 The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an Agreement with the CITY in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Times indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.
- 3.02 This Bid will remain subject to acceptance for 90 days after the day of Bid opening. BIDDER will sign and deliver the required number of counterparts of the Agreement with any Bond and other documents required by the Information for Bidders and Form of Bid within 7 days after the CITY’S Notice of Award date.

3.03 In submitting this Bid, BIDDER represents and agrees, as more fully set forth in the Agreement, that:

- A. BIDDER has examined and carefully studied the Bid Documents and the following Addenda (Bidder acknowledges receipt of all the following addenda)

<u>Addendum No.</u>	<u>Addendum Date</u>
Addendum # _____	_____
Addendum # _____	_____
Addendum # _____	_____

- B. BIDDER has visited the Site and become familiar with the general, local and Site conditions that may affect cost, progress, performance and furnishing of the Work.
- C. BIDDER is familiar with all applicable federal, state, and local Laws and Regulations that may affect cost, progress, performance and furnishing of the Work.
- D. BIDDER has carefully studied all available reports of explorations and tests of subsurface conditions at or contiguous to the Site and all available drawings of physical conditions relating to existing surface or subsurface structures at or contiguous to the Site which have been made available by CITY or has performed his own such studies, explorations and tests. BIDDER has correlated the information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.
- E. BIDDER is aware of the general nature of the work to be performed by CITY and others at the Site that relates to Work for which this Bid is submitted as indicated in the Contract Documents.
- F. BIDDER has given CITY written notice of all conflicts, errors, ambiguities or discrepancies that BIDDER has discovered in the Contract Documents and the written resolution thereof by CITY is acceptable to BIDDER, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.
- G. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any individual or entity to refrain from submitting a Bid; and BIDDER has not sought by collusion to obtain for itself any advantage over any other BIDDER or over CITY.
- H. Any other representation required by Laws and Regulations.



**8. TERMINOLOGY**

8.01 The terms used in this Bid which are defined in the General Conditions of the Contract between City and Bidder included as part of the Contract Documents have the meanings assigned to them in the General Conditions. Terms defined in the Invitation to Bid and Information for Bidders are used with the same meaning in this Bid.

**9. SUBMISSION**

SUBMITTED on \_\_\_\_\_, 20\_\_\_\_\_

State Contractor License No. \_\_\_\_\_

State of Connecticut Engineering License No.: \_\_\_\_\_

**If BIDDER is a Joint Venture**

By \_\_\_\_\_ (Name) (SEAL)

\_\_\_\_\_  
*Duly Authorized Signature* \_\_\_\_\_ *Title*

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

By \_\_\_\_\_ (Name) (SEAL)

\_\_\_\_\_  
*Duly Authorized Signature* \_\_\_\_\_ *Title*

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

Phone: \_\_\_\_\_ Fax #: \_\_\_\_\_ Email Address: \_\_\_\_\_

Bidder's DUNS # \_\_\_\_\_

(Each joint venturer must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above).

**If BIDDER is an Individual**

By \_\_\_\_\_ (Individual's Name) (SEAL)

\_\_\_\_\_  
*Duly Authorized Signature* \_\_\_\_\_ *Title*

Doing business as \_\_\_\_\_

Business address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ Fax #: \_\_\_\_\_ Email Address: \_\_\_\_\_

Bidder's DUNS # \_\_\_\_\_

**If BIDDER is a Partnership**

By \_\_\_\_\_ (SEAL)  
(Firm Name)

\_\_\_\_\_  
(General partner)

\_\_\_\_\_  
*Duly Authorized Signature* \_\_\_\_\_ *Title*

Business address: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_ Fax #: \_\_\_\_\_ Email Address: \_\_\_\_\_  
Bidder's DUNS # \_\_\_\_\_

**If BIDDER is a Corporation**

By \_\_\_\_\_ (SEAL)  
(Corporation Name)

\_\_\_\_\_  
(State of incorporation)

By \_\_\_\_\_ (SEAL)  
(Name of person authorized to sign)

\_\_\_\_\_  
*Duly Authorized Signature* \_\_\_\_\_ *Title*

Attest \_\_\_\_\_  
(Secretary)

Business address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax #: \_\_\_\_\_ Email Address: \_\_\_\_\_  
Bidder's DUNS # \_\_\_\_\_

Date of Qualification to do Business (out-of-state) corporation in Connecticut: \_\_\_\_\_

- C. The Contractor shall, at his own expense, preserve and protect from injury all property either public or private along and adjacent to the line of Work, and be responsible for and repair any and all damage and injury thereto, arising out of or in consequence of any act or omission of the CONTRACTOR. All existing pipes, culverts, poles, wires, fences, mailboxes, bounds, etc., shall be supported in place or otherwise protected from injury, or shall be restored to at least as good condition as that in which they were found immediately prior to start of Work.

#### 2.12 SAFETY AND ACCOMMODATION

The CONTRACTOR shall provide at his own expense, suitable bridges over trenches where required for the accommodation and safety of the traveling public, and provide facilities for access to private driveways for vehicular use. He shall erect suitable barriers around the excavation to prevent accidents to the public and shall place and maintain during the night sufficient lights on or near the Work. A space of twenty (20') feet must be left so that free access may be had at all times to fire hydrants and proper precautions shall be taken so that the entrances to fire hydrants and fire stations shall not be blocked or obstructed.

#### 2.13 DISPOSAL OF SURPLUS AND UNSUITABLE EXCAVATED MATERIAL

All surplus excavated material and any material unsuitable for use shall be disposed of in areas provided by the CONTRACTOR. All disposal areas within the City of Torrington shall be approved, in writing, by the CITY, prior to use. The CONTRACTOR shall not dispose of surplus materials on wetland or other areas prohibited by the Corps of Engineers or the State Department of Environmental Protection.

### **PART 3 - COMPACTION REQUIREMENTS AND TESTING**

#### 3.01 Soil Density Tests

In-place soil density tests shall be done on the soil materials below proposed sidewalk areas with a Nuclear Density Gauge following the Connecticut Department of Transportation, Division of Materials Testing, QA Program for Materials Acceptance and Assurance Testing Policies and Procedures dated July 2009. Tests shall be taken by qualified trained geotechnical personnel approved by the City at random locations and all costs in connection therewith shall be borne by the Contractor. In-place soil density tests shall be done prior to each concrete pour and shall tests shall be scheduled by Contractor to allow adequate time to remedy any unsatisfactory compaction result prior to the pour time. Any tests which do not meet the specified requirements shall be repeated, at the same locations, after remedial actions are taken at the entire expense of the Contractor until satisfactory test results are obtained. The term "compacted to not less than a percent of maximum density" shall mean the minimum degree of compaction to be attained expressed as a percentage of the maximum density for the materials at optimum moisture content as determined by the current Tests for Moisture-Density Relationships of Soils, ASTM D1557, Method D. Soil materials shall be compacted to at least 95% of the maximum density of the soil at optimum moisture content when tested in accordance with the above method.

### **PART 4 - BACKFILL**

#### 4.01 MATERIALS

##### A. Suitable Material

1. Suitable material for trench backfill below non-paved surface areas shall be the material excavated during the course of construction, but excluding debris, pieces of pavement, frozen material, organic matter, topsoil, all wet or soft muck, peat, silt or clay, ledge excavation or any material which, as determined by the Engineer, will not provide sufficient support or maintain the completed construction in a stable condition. As previously stated broken rock from blasting shall not be used as backfill. No stone or rock over 2" shall be placed in the

ADDENDUM #1 3/23/10



## SECTION 16000

### GENERAL ELECTRICAL

#### PART 1 – GENERAL

##### 1.01 GENERAL

All electrical work shall be done in strict accordance with the 1999 National Electrical Code, BOCA, NFPA 101, 1999 Connecticut State Building code Supplement, 1999 Connecticut fire Code Supplement, (latest updates) and any other local, state, or federal codes which may apply to the location of the building site. No material other than that contained in the "Latest List of Electrical Fittings" approved by the Underwriters' Laboratories, shall be used in any part of the work. All wiring, conduit, switches and any other material for which label service has been established shall bear the label of the Underwriters' Laboratories. Work shall be in accordance with Connecticut Light and Power (CL&P) installation standards. See Section 16500, Exterior Lighting for additional specifications on street light installation.

##### 1.02 SCOPE

- A. The work to be performed shall include all labor, materials, equipment, transportation, construction, facilities, and incidentals necessary for the proper execution, and completion of all electrical work as designed by the contractor and/or herein specified with the intent that the installation shall be complete in every respect and ready for use.
- B. Work Includes but is not limited to:
1. Underground electrical service including excavation and backfilling.
  2. **Coordinate the service installation/disconnections with the electric utility company CL&P (Contact John Gazso . (860) 496-5297)**
  3. Street Lighting and lighting controls - Install new ornamental street light poles, concrete bases, conduits, wiring, control switches and fixtures including electrical supply and grounding.
  4. Remove and dispose of existing concrete street light poles, bases, wiring and light fixtures including terminating power
  5. **Deleted**
  6. Install conduit for new underground service to building.

##### 1.03 PRODUCT HANDLING

All work, materials and equipment shall be protected from damage. All materials and equipment which is damaged, including installed work, shall be repaired or replaced to the satisfaction of the City.

##### 1.04 SLEEVES AND OPENINGS

The Contractor shall furnish and install all necessary sleeves and openings as required to permit the installation of the electrical systems.

##### 1.05 EXCAVATION AND BACKFILLING

- A. The Contractor shall be responsible for trenching, backfilling, and ground restoration for all electrical work.

**Addendum #1 3/23/10**

- F. The Contractor shall be responsible for filing the 'Request for Electric Service' with the utility company and for coordination of the service installation. Any disconnect charges, new connection charges or other service fees billed by CL&P shall be paid for by the Contractor.

#### 2.04 OUTLET, JUNCTION AND PULL BOXES

- A. Exterior outlet boxes shall be heavy duty cast steel, weatherproof and shall be of shapes and sizes to suit their respective locations and installations, and shall be provided with covers to suite their function and installation. Hand holes with covers will be permitted if Contractor wishes to incorporate them in his design.
- B. Exterior pull boxes shall be furnished in Quazite 'PC' series. Boxes shall be constructed of high strength polymer concrete with flush cover secured with stainless steel bolts. Boxes shall be stackable for added depth.

#### 2.05 WIRING DEVICES

- A. Duplex Convenience Receptacles: Specification grade 2 pole, 3 wire NEMA heavy-duty type, self-grounding with bronze contacts which accept plug with two parallel blades and one grounding blade, heat resistant ivory enclosure. One grounding contact terminal. **Light and receptacle on pole shall be on same circuit and controlled by same photo cell on pole.** Rated 20 amps at 125 volts AC.
- B. Cover Plates: Weatherproof enclosures for outdoor receptacles.

### PART 3 – EXECUTION

#### 3.01 CONDUIT INSTALLATION

- A. General:
  - 1. Conduits run underground below pavement and concrete slabs shall be kept a minimum of 18" below grade. Provide rigid steel conduit for sweeps and penetrations through slabs. All underground runs shall have one spare empty conduit with pull wire.
  - 2. Care shall be taken to protect underground PVC conduits prior to backfilling.
- B. All trenching and excavation shall be free of rock and that trenching is prepared in accordance with Trenching specifications found elsewhere herein.
- C. Contractor's design shall include coordinating the location of new conduit runs with other utility locations and proposed improvements to avoid interferences.

#### 3.02 GROUNDING SYSTEM

- A. Provide a complete grounding system which will thoroughly ground the non-current carrying metal parts of every piece of installed equipment, as described herein.
- B. System shall be mechanically and electrically connected to provide an independent return path to the grounding sources.
- C. Each grounding conductor shall have a minimum capacity of 25 percent of the rated capacity of the equipment it grounds, unless otherwise indicated.
- D. The minimum size of grounding conductors shall be No. 12 AWG copper.

**Addendum #1 3/23/10**

GENERAL ELECTRICAL  
16000-02

## SECTION 02620

### CONCRETE SIDEWALKS, DRIVEWAY APRONS AND TREE WELLS

#### PART 1 - SCOPE

- 1.01 The work covered by this section of the specifications consists of furnishing all transportation, labor, layout, equipment, appliances and materials, and of performing all operations in connection with the construction of concrete sidewalks, concrete driveway aprons, and tree well and Flexi-pave surface. This item shall include furnishing and installing detectable warning strips at handicap ramp locations, to the dimensions, and to City details. See Section 02075 SITE DEMOLITION AND SALVAGE for additional information.
- 1.02 An overall concrete sidewalk scoring plan shall be submitted as part of the design plans. The scoring pattern and surface finish shall follow the typical Details attached herein.

#### PART 2 - MATERIALS

- 2.01 Submit the product data for each type of product and design mixture indicated for approval.
- 2.02 The concrete constructed as a traffic control foundation or lamp post foundation and stone curb foundations shall conform to the requirements of Article M.03.01 for Class "A" Concrete, of the REFERENCE SPECIFICATIONS.
- 2.03 Materials for sidewalk concrete shall conform to the requirements of Article M.03.01 of the REFERENCE SPECIFICATIONS, for Class "F" Concrete. The concrete shall contain not less than 5% nor more than 7% entrained air at the time the concrete is deposited in the forms. Air-entrainment shall be obtained and the concrete cured in accordance with the provisions of Article 4.01.03 for Concrete Pavement. Welded Wire Fabric (6"x6"-10/10) shall be used as detailed. Contraction Joints shall have ½" diameter x 12" long steel dowels placed at 2 foot centers. Dowels shall be smooth surface to allow movement. A performed expansion joint filler for the manufactured for intended purposed shall be submitted and approved by City.
- 2.04 Concrete sealer for salt protection shall be applied on the concrete finish. The product shall be specifically manufactured for this type of application. The contractor shall submit product information for City approval. The rate of application shall be as recommended by manufacturer.
- 2.05 Processed aggregate for base shall conform to Article M.05.01, Grade B for processed aggregate base and pavement of the REFERENCE SPECIFICATIONS.
- 2.06 The Detectable Warning Strip shall be a prefabricated detectable warning surface tile as manufactured from Engineered Plastics Inc. 300 International Drive, Suite 100 Williamsville, NY 14221, telephone number (800) 682-2525 or the approved equal from ADA Fabricators, INC. P.O Box 179 North Billerica, MA 01862 telephone number (978) 262-9900. The tile shall conform to the dimensions shown on the plans and have a gray homogeneous color throughout in compliance with Federal Standard 595 Color FS 36496 or approved equal.
- 2.07 The surface for areas surrounding proposed trees within the tree well area shall be "Flexi-Pave" HDX2000+ manufactured by K.B. Industries, Inc., 28100 US Hwy 19N, Suite 410' Clearwater, FL 33761. Color shall be Brown Bark.
- 2.08 See Section 02900 LANDSCAPING for tree well Tree Planting Soil Mix and crush stone requirements.

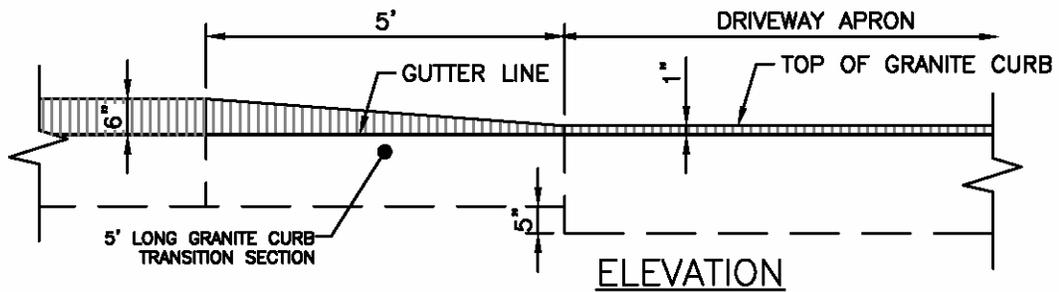
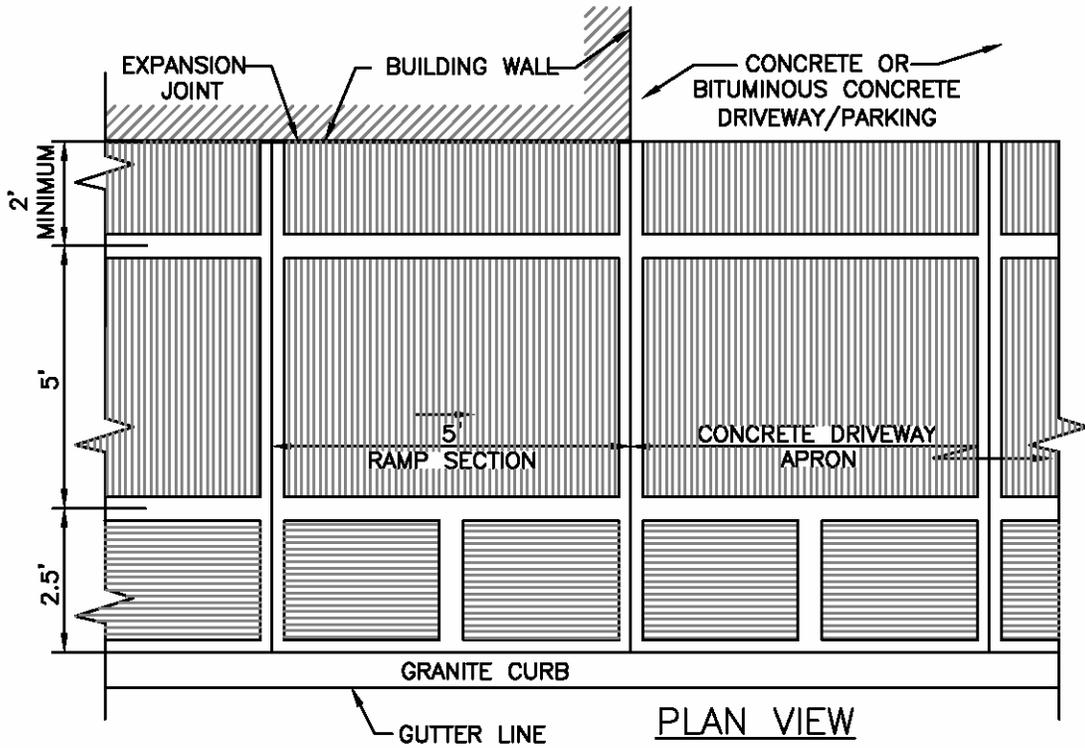
#### PART 3 – CONSTRUCTION METHODS

- 3.01 Construction methods for concrete sidewalks shall conform to the requirements Article 9.21.03, of the REFERENCE SPECIFICATIONS.
- 3.02 Excavation and Subgrade: Excavation, including removal of any existing sidewalk, shall be made to the required depths below the finished grade to conform to the dimensions on City Detail. All soft and yielding material shall be removed and replaced with suitable material. Subgrade shall be prepared in accordance with the REFERENCE SPECIFICATIONS, Section 2.09.03, Construction Methods. Extra care shall be taken by Contractor as not to

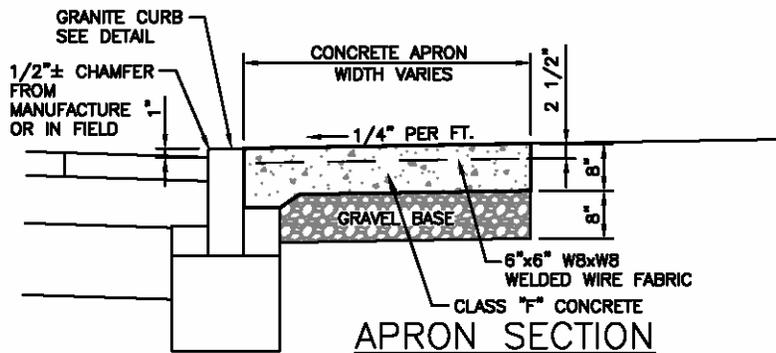
disturb existing buried underground facilities. Contractor shall take special measures to protect such underground facilities.

- 3.03 When connecting new concrete sidewalk to a section of existing concrete sidewalk, the connection point shall be at the nearest joint in the existing sidewalk, or if no existing joint is in the area where sidewalk is to terminate, then contractor shall saw cut the existing sidewalk to create a straight and neat terminal joint. The limits on new sidewalk shall not be less than the limit line shown on the survey drawing provided.
- 3.04 Subbase and Processed Aggregate Base: See Technical Specification Section 02220 Excavation, Trenching, Backfilling, and Compacting.
- 3.05 Forms: Forms shall be of metal or wood, straight, free from warp and of sufficient strength to resist springing from the pressure of the concrete. If made of wood, they shall be of 2-inch surfaced plank except that at sharp curves thinner material may be used. If made of metal, they shall be of approved section and shall have a flat surface on the top. Forms shall be of a depth equal to the depth of the sidewalk. Forms shall be securely staked, braced and held firmly to the required line and grade and shall be sufficiently tight to prevent leakage of mortar. All forms shall be cleaned and oiled or wetted before concrete is placed against them. Sheet metal templates 1/8 inch in thickness, of the full depth and width of the walk, shall be spaced at intervals of 12 feet or as directed. If the concrete is placed in alternate sections, these templates shall remain in place until concrete has been placed on both sides of the template. As soon as the concrete has obtained its initial set, the templates shall be removed.
- 3.06 **Concrete: The concrete shall be proportioned, mixed, placed, etc., in accordance with the provisions of Section 6.01 for Class "F" Concrete of the REFERENCE SPECIFICATIONS, except as modified herein. The surface of the concrete shall be finished as shown on City Standard details as shown attached herein. A slump test shall be taken on each concrete truck delivered at site. Acceptable slump test results shall be 3½" plus or minus ½ inch. Air entrainment tests (AASHTO T 152) shall also be done on each concrete truck delivered to the site and acceptable range shall be as specified in paragraph 2.02 above. Concrete cylinders for compression tests shall be done on every 20 cubic yards delivered to the site as a minimum. Preparation and procedure standards for concrete cylinders testing shall follow AASHTO T 141, AASHTO T 126, AASHTO T 22.**
- 3.07 The Detectable Warning Strip for new construction shall be set directly in poured concrete according to the plans and the manufacturer's specifications or as directed by the Engineer. The contractor shall place two 25-pound concrete blocks or sandbags on each tile to prevent the tile from floating after installation in wet concrete.
- 3.08 The contractor shall measure the grades of sidewalk, driveway, and ramp, slope and cross slope by means of a M-D Building Products Smart Tool™ 24" level or approved equal. Measurements shall be taken during preparation of the base layers, and as the concrete surface is finished. Sidewalk grades shall slope to drain away from buildings to curb at a uniform 1/4" per foot measured perpendicular to the curb. Curbs shall be adjusted accordingly to accommodate sidewalk grades. Street pavement grades shall be adjusted to new curb grades.
- 3.09 The Contractor shall provide protection of the finished surface during curing. Any graffiti shall not be acceptable. Any panel sections that are vandalized, damaged or written on with graffiti shall be replaced at the Contractor's expense. Removal of unacceptable concrete work shall be the entire panel unit between joints.
- 3.10 Pedestrian access to the adjacent buildings shall be the Contractor's responsibility and he shall coordinate schedule with building tenants and owners. Building access shall be maintained by staging work or by some other means as agreed upon by tenants and/or owners.
- 3.11 "Flexi-Pave" HDX2000+ is a seamless poured-in-place product that is installed by certified technicians at the job site. KBI Flexi - Pave can be installed from 45°F degree to 95°F degree temperatures. **Important:** When curing... the temperature should not fall below 35°F. KBI Flexi -Pave can only be installed by K.B. Industries, Inc., "**CERTIFIED INSTALLERS**" having the: "**KBI CERTIFICATION NUMBER**" (*This number can be requested at any time from K.B. Industries Inc., for verification*). HDX2000+ is installed over a minimum of 4" of compacted crushed stone or similar aggregate to a density of 95% minimum (see detail herein). Details as follows:



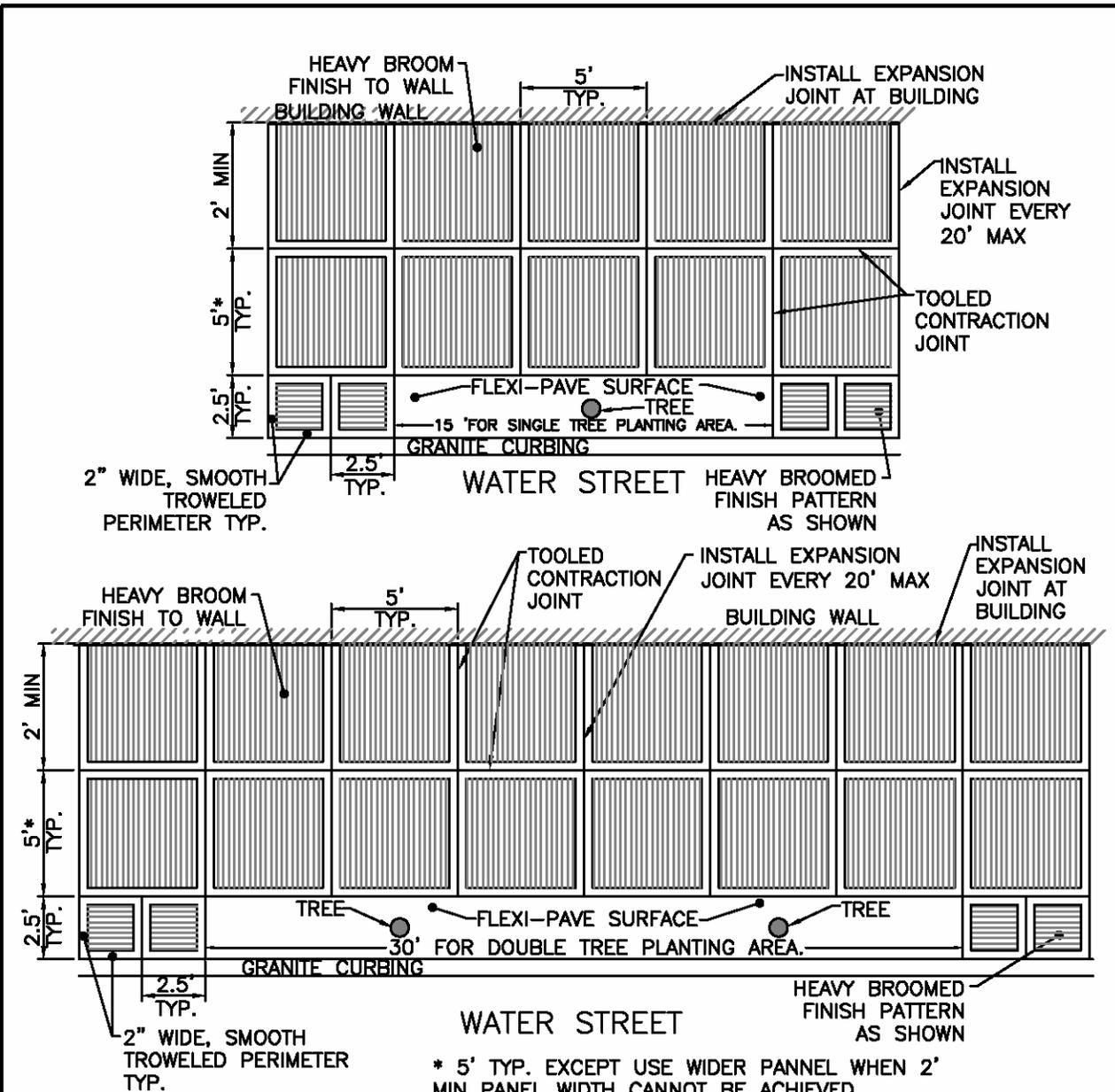


NOTE: CONCRETE SIDE WALK CROSS SLOPE 2% MAX. LIMITS OF DRIVEWAY RECONSTRUCTION TO BE DETERMINED IN FIELD TO MEET SIDEWALK AND CURBING CRITERIA



CONCRETE DRIVEWAY APRON

N.T.S.



\* 5' TYP. EXCEPT USE WIDER PANNEL WHEN 2' MIN PANEL WIDTH CANNOT BE ACHIEVED

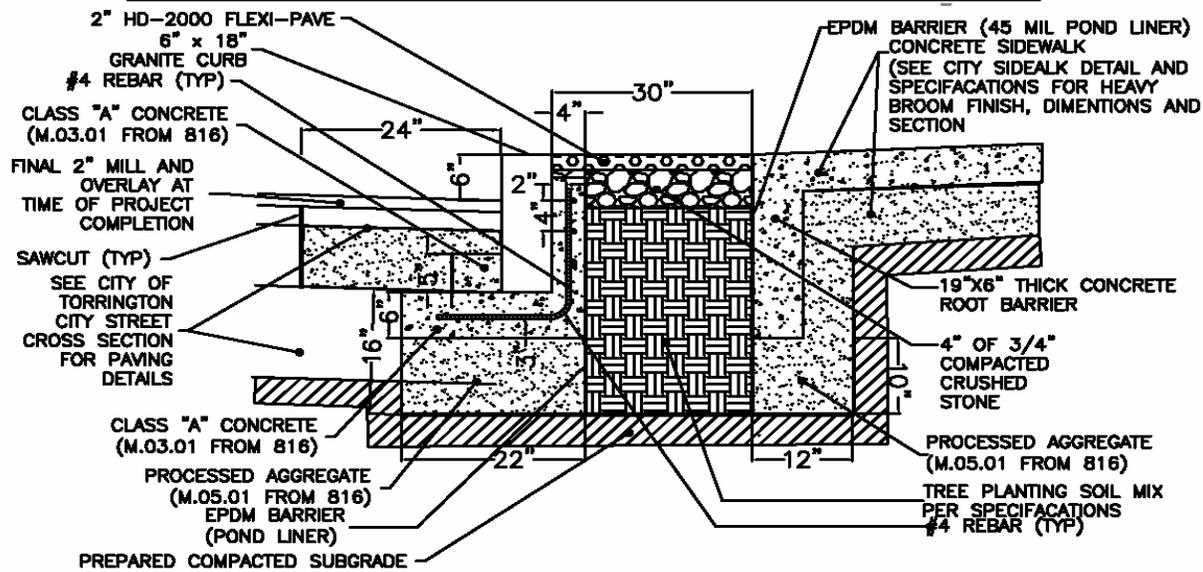
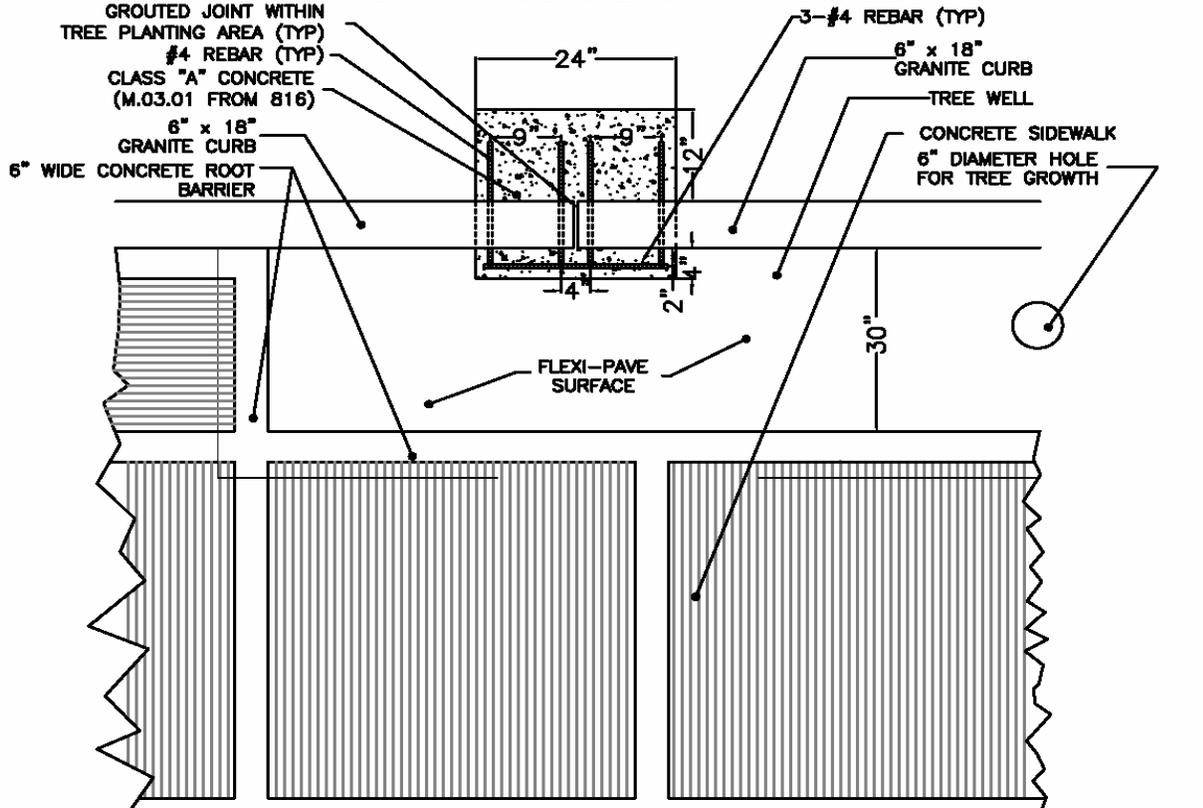
- NOTES:
1. CLASS F 4000 PSI CONCRETE WITH 5% TO 7% ENTRAINED AIR C.D.O.T. STD. SPEC 9.21
  2. WALKS NOT TO EXCEED 2% CROSS SLOPE .
  3. EXPANSION JOINTS TO BE INSTALLED EVERY 20 FEET MAX.
  4. ALL CONCRETE WALKS ARE TO BE SEALED WITH SALT BARRIER AS DETAILED IN THE SPECIFICATIONS.
  5. SEE "CONCRETE SIDEWALK CONSTRUCTION" DETAIL FOR CONCRETE SIDEWALK CONSTRUCTION
  6. SEE "GRANITE CURB JOINT ADJACENT TO TREE WELL" DETAIL FOR INSTALLATION OF GRANITE CURBING WITHIN THE LIMITS OF A TREE WELL
  7. SEE "GRANITE CURB" DETAIL FOR TYPICAL INSTALLATION OF GRANITE CURBING

CONCRETE SIDEWALK WITH TREE WELL

N.T.S.

**NOTE:**

1. SEE "CONCRETE SIDEWALK WITH TREE WELL" DETAIL FOR LAYOUT OF CONCRETE FINISH AND LOCATION PROPOSED TREES AND GRANITE CURB JOINT LOCATIONS
2. SEE "CONCRETE SIDEWALK CONSTRUCTION" DETAIL FOR CONCRETE PAVEMENT STRUCTURE, DIMENSIONS, AND CONSTRUCTION NOTES.
3. SEE "GRANITE CURBING" DETAIL FOR TYPICAL INSTALLATION OF GRANITE CURBING



**GRANITE CURBING JOINT ADJACENT TO TREE WELL**

N.T.S.

END OF SECTION

**Section 10**  
**CERTIFIED PAYROLL REPORTS /**  
**STATEMENT OF COMPLIANCE FORMS**

**For**

**“Water Street Streetscape Improvements”**

[New] In accordance with Section 31-53b(a) of the C.G.S. each contractor shall provide a copy of the OSHA 10 Hour Construction Safety and Health Card for each employee, to be attached to the first certified payroll on the project.

In accordance with Connecticut General Statutes, 31-53 Certified Payrolls with a statement of compliance Shall be submitted monthly to the contracting agency.										<b>PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS</b>										Connecticut Department of Labor Wage and Workplace Standards Division 200 Folly Brook Blvd. Wethersfield, CT 06109				
CONTRACTOR NAME AND ADDRESS:										SUBCONTRACTOR NAME & ADDRESS					WORKER'S COMPENSATION INSURANCE CARRIER									
PAYROLL NUMBER		Week-Ending Date		PROJECT NAME & ADDRESS						Total ST Hours		BASE HOURLY RATE		TYPE OF FRINGE BENEFITS Per Hour 1 through 6 (see back)		GROSS PAY FOR ALL WORK PERFORMED THIS WEEK		TOTAL DEDUCTIONS				GROSS PAY FOR THIS PREVAILING RATE JOB		CHECK # AND NET PAY
PERSON/WORKER, ADDRESS and SECTION		APPR RATE %	MALE/FEMALE AND RACE*	WORK CLASSIFICATION	DAY AND DATE							Total O/T Hours	TOTAL FRINGE BENEFIT PLAN CASH	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	FICA	FEDERAL WITH-HOLDING	STATE WITH-HOLDING	LIST OTHER	GROSS PAY FOR THIS PREVAILING RATE JOB	CHECK # AND NET PAY				
					S	M	T	W	TH	F	S										HOURS WORKED EACH DAY			
												S-TIME	\$	1. \$										
												Base Rate	\$	2. \$										
												O-TIME	\$	3. \$										
												Cash Fringe	\$	4. \$										
													\$	5. \$										
													\$	6. \$										
												S-TIME	\$	1. \$										
												Base Rate	\$	2. \$										
												O-TIME	\$	3. \$										
												Cash Fringe	\$	4. \$										
													\$	5. \$										
													\$	6. \$										

7/13/2009 \*IF REQUIRED  
 WWS-CPI

\*SEE REVERSE SIDE

PAGE NUMBER \_\_\_ OF

**OSHA 10 ~ ATTACH CARD TO 1<sup>ST</sup> CERTIFIED PAYROLL**



**\*FRINGE BENEFITS EXPLANATION (P):**

Bona fide benefits paid to approved plans, funds or programs, except those required by Federal or State Law (unemployment tax, worker's compensation, income taxes, etc.).

Please specify the type of benefit provided:

- 1) Medical or hospital care \_\_\_\_\_ 4) Disability \_\_\_\_\_
- 2) Pension or retirement \_\_\_\_\_ 5) Vacation, Holiday \_\_\_\_\_
- 3) Life Insurance \_\_\_\_\_ 6) other (please specify) \_\_\_\_\_

**CERTIFIED STATEMENT OF COMPLIANCE**

For the week ending date of \_\_\_\_\_,

I, \_\_\_\_\_ of \_\_\_\_\_, (hereafter known as Employer) in my capacity as \_\_\_\_\_ (title) do hereby certify and state:

**Section A:**

1. All persons employed on said project have been paid the full weekly wages earned by them during the week in accordance with Connecticut General Statutes, section 31-53, as amended. Further, I hereby certify and state the following:

- a) The records submitted are true and accurate;
- b) The rate of wages paid to each mechanic, laborer or workman and the amount of payment or contributions paid or payable on behalf of each such employee to any employee welfare fund, as defined in Connecticut General Statutes, section 31-53 (h), are not less than the prevailing rate of wages and the amount of payment or contributions paid or payable on behalf of each such employee to any employee welfare funds, as determined by the Labor Commissioner pursuant to subsection Connecticut General Statutes, section 31-53 (d), and said wages and benefits are not less than those which may also be required by contract;
- c) The Employer has complied with all of the provisions in Connecticut General Statutes, section 31-53 (and Section 31-54 if applicable for state highway construction);
- d) Each such employee of the Employer is covered by a worker's compensation insurance policy for the duration of his employment which proof of coverage has been provided to the contracting agency;
- e) The Employer does not receive kickbacks, which means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided directly or indirectly, to any prime contractor, prime contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contractor in connection with a prime contractor in connection with a subcontractor relating to a prime contractor; and
- f) The Employer is aware that filing a certified payroll which he knows to be false is a class D felony for which the employer may be fined up to five thousand dollars, imprisoned for up to five years or both.

2. OSHA ~ The employer shall affix a copy of the construction safety course, program or training completion document to the certified payroll required to be submitted to the contracting agency for this project on which such employee's name first appears.

\_\_\_\_\_  
 (Signature) (Title) Submitted on (Date)

**Section B: Applies to CONNDOT Projects ONLY**

**That pursuant to CONNDOT contract requirements for reporting purposes only, all employees listed under Section B who performed work on this project are not covered under the prevailing wage requirements defined in Connecticut General Statutes Section 31-53.**

\_\_\_\_\_  
 (Signature) (Title) Submitted on (Date)

Note: CTDOL will assume all hours worked were performed under Section A unless clearly delineated as Section B WWS-CP1 as such. Should an employee perform work under both Section A and Section B, the hours worked and wages paid must be segregated for reporting purposes.

**\*\*\*THIS IS A PUBLIC DOCUMENT\*\*\*  
\*\*\*DO NOT INCLUDE SOCIAL SECURITY NUMBERS\*\*\***

Date \_\_\_\_\_

I, \_\_\_\_\_  
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

\_\_\_\_\_ on the  
(Contractor or Subcontractor)

\_\_\_\_\_;  
(Building or Work)

\_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, and ending the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

\_\_\_\_\_ from the full  
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

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

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:  
(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

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in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

-- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)	EXPLANATION

REMARKS:

NAME AND TITLE	SIGNATURE
----------------	-----------

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.



**SECTION 02075  
SITE DEMOLITION AND SALVAGE**

**PART 1 - GENERAL**

1.01 SCOPE OF WORK

Overall work shall include all labor, materials, equipment, supervision, coordination efforts, design costs, permitting costs, inspection costs, certificate costs, services, filing fees, testing costs, security, insurance and all other associated or related items specified herein that are necessary and are required to complete the Work. Work elements shall include, but not be limited to the following:

- A. Demolition and removal of all existing site hardscape structures including but not limited to, abandon metal pipe sleeves, free-standing items (e.g. bollards, signs, sign posts, concrete light poles, light pole bases, etc.). Existing Trash bins shall be removed and delivered to the City for reuse. Contractor shall notify media vendor boxes for removal and if not picked up shall be removed. Design plans shall specify items to remain. The “No Parking” signs and “Municipal Parking” informational sign shall be replaced with new signs and posts.
- B. Removal of existing sidewalks, driveway aprons, curbs. Street pavement for curb installation and utility modifications shall be removed. Permanent pavement patches (per City of Torrington detailed standard) along new curblines and at utility cuts in street area shall be installed prior to final milling and paving of street.
- C. It shall be the responsibility of the Contractor to accurately locate all facilities and to determine their extent. Removal of existing above-ground and underground non-active utilities and associated structures including but not limited to all abandoned utility conduits, pipes, valves or meters and boxes. Existing “Traffic Signal Control Pressure Plates” and appurtenances that have been paved over shall be removed and a permanent pavement patched applied. Existing traffic signal detection loops within pavement shall be replaced during/after the milling and paving operations.
- D. Removal of overhead traffic lane signs and mast arm/pole and removal of pole base to a minimum depth of 12 inches below finished sidewalk grade.
- E. Parking meter post locations shall be coordinated with the City of Torrington Traffic Control Division. **Work shall include providing and installing meter posts (2-3/8” outside diameter galvanized steel post cut to height and set to 30” minimum depth required by City traffic authority) in locations shown or as approved by City. Work includes coring finished sidewalk pavement as needed for post installations.**
- F. **There are existing hatchways located in the sidewalk area that lead to adjacent building basements. Some hatchways have been covered over and are not visible from the sidewalk level. The Concept Plan indicates some general locations of buried hatchways. The Contractor shall coordinate with all adjacent property owners and perform an inspection of basements to locate hatchways. If hatchways are discovered during the inspection the Contractor shall coordinate with the owner and provide a cost estimate for abandonment of the hatchway. The cost of removal of the hatchway including modifications to building foundation wall, waterproofing, filling and compacting void to subgrade and any other miscellaneous items, shall be paid for by the adjacent property owner under separate building owner/contractor agreements. The property owners may hire a separate contractor to do the removal work. The Contractor shall coordinate this issue with the respective property owners immediately after the issuance of the Notice to Proceed so that hatchway work can be completed in a timely manner so as not to delay Contractor with construction of sidewalks. Closing the street will not be required to remove the individual hatchways. This work can be done prior to final construction plan approval by City. If the Contractor is of the opinion he will be delayed because the property owner(s) is not cooperative in getting hatchway removal work scheduled and completed in a timely manner, then the Contractor shall request that the City initiate the issuance of an order from the City Building Official to the property owner to remove hatchways.**

1.02 QUALITY ASSURANCE

The Contractor shall provide and maintain a capable and experienced field person representing the Contractor to oversee all demolition and salvage operations. The representative shall be on site during all operating hours of the project.

1.03 SUBMITTALS

Addendum #1 3/23/10



**SECTION 01120  
MAINTENANCE AND PROTECTION OF TRAFFIC**

**PART 1 - GENERAL**

1.01 SCOPE OF WORK

- A. The work under this section shall consist of maintaining and protecting pedestrian and vehicular traffic. The CONTRACTOR shall design a maintenance and protection of traffic plan and approval of the City Traffic Authority. Permanent detour signs will not be required because the street will be reopened at the end of the work day. At a minimum the Contractor shall barricade off Water Street at the intersections of Prospect Street and Main Street so vehicular traffic will not be able to use this section of street during working hours. **Contractor shall hire a City of Torrington Police officer to be stationed at the Main Street barricade location. Contractor shall also hire and station traffic flagman at the Prospect Street intersection barricade. The police officer and traffic flagman shall be stationed at their respective locations during all scheduled work hours. The street shall be closed when work is scheduled except as noted in specifications pertaining to work on hatchways.** Plastic traffic drums shall be used which can be moved in case of an emergency and at the beginning and close of the work day. One travel lane shall be open at all times during the work day to allow fire truck, police or ambulance emergency response.
- B. Pedestrian access must be maintained. The work includes providing pedestrian sidewalk guide signing, detour signing, barricade, temporary fencing and warning devices as part of sequencing the project. **A sign with a minimum dimension of 36"x36" shall be erected during construction hours at each end of street where barricaded and the wording on signs shall read "BUSINESSES OPEN- PARKING AT MUNICIPAL LOT NEAR LIBRARY"**
- C. All excavated materials, construction equipment and new materials for the Work shall be placed so as not to injure the Work or endanger persons and to allow free access at all times to all parts of the Work including public utility installations. Materials shall be stored at locations which will cause a minimum of inconvenience to public travel or the adjoining tenants and no damage to existing improved areas. Location of all stored materials is subject to approval of the City. The northwest section of the City owned Municipal Parking Lot located between Prospect Streets and Litchfield Street may be used to store materials and equipment. The size of the area shall be approved by the City. The approved area shall be barricaded off by the Contractor to restrict conflicts with public parking and protect the public. The Contractor may lease or obtain written permission from nearby private property owners to use private land for storage and staging. In doing so the Contractor shall accept all liability and full responsibility for any damages that may result from such use.
- D. The sidewalks and curb on the south side of the street shall be completed before work begins on the north side of the street.

**PART 2 - PRODUCTS**

2.01 MATERIALS

All signs, barricades and necessary devices shall be of sufficient size and color so as to adequately inform the public of any possible traffic hazards and alternate routes and shall conform to the details as outlined in the MUTCD, Section 6F, titled "Temporary Traffic Control Zone Devices".

**PART 3 - WORKMANSHIP**

3.01 WORK BY OTHERS

The Contractor is advised that he shall coordinate the maintenance and protection of traffic, both vehicular and pedestrian for the entire job. The Contractor shall insure that the provisions provided herein shall be complied with by all parties involved in work on this contract. The Contractor is advised that the CITY and abutting properties owners may have other project(s) under construction at the time this project is under construction. The Contractor shall therefore coordinate his work with the Contractor of the other project(s).

Addendum#1 3/23/10

### 3.02 MAINTENANCE AND PROTECTION OF WORK AREA

During non working hours traffic drums shall be used to separate moving lanes of traffic from the work area. Each drum shall be affixed with high intensity flashers for nighttime operation. Work areas shall be barricaded and shall be affixed with suitable construction signs, along with advanced warning signs. Newly poured concrete sidewalk surfaces shall be protected by the Contractor by his own means from pedestrian use and vandalism. Any section(s) of concrete damaged or vandalized including graffiti shall be removed and replaced.

### 3.03 TRAFFIC CONTROL

- A. The Contractor shall maintain such signs necessary for the regulation, safety and convenience of traffic and in conformance with the applicable requirements of the "Manual on Uniform Traffic Control Devices". The Contractor shall provide, erect and maintain suitably lighted barricades, warning lights, etc. as needed or as directed in order to keep people, animals and vehicles from excavations, obstacles, etc. He shall arrange his operations to provide access to properties along the street including temporary bridges to driveways and door entrances and provide access to fire hydrants, manholes, gate boxes or other utilities. Whenever any excavation obstructs traffic in or to any private driveway or property entrance, the Contractor shall take such steps as required to maintain necessary traffic and access, including temporary bridging if required. The Contractor shall confine his occupancy of public or traveled ways to the smallest space compatible with the efficient and safe performance of the work contemplated by the Contract.
- B. The Contractor shall observe and obey all local and state laws, ordinances, regulations and permits in relation to the obstruction of streets and highways, keeping passageways open and protecting traffic where there may be danger from construction activities.

### 3.04 NOTICE TO PROPERTY OWNERS AND EMERGENCY RESPONDERS

It shall be the sole responsibility of the contractor to keep the Police and Fire Departments, Ambulance Services, the adjacent tenants and businesses, pre-warned at least 24 hours in advance of changes in traffic patterns or restricted use of sidewalks, streets and parking areas.

END OF SECTION

Addendum #1 3/23/10

GENERAL DECISION: CT20100001 03/12/2010 CT1

Date: March 12, 2010  
 General Decision Number: CT20100001 03/12/2010  
 Superseded General Decision Number: CT20080001  
 State: Connecticut

**March 19, 2010**  
**City of Torrington – Water Street**  
**Sidewalk Reconstruction – CDBG-R**  
**10 Day Federal Updated wages**  
**#CT20100001 Modification #0**

Construction Type: Highway

Counties: Fairfield, Litchfield, Middlesex, New Haven, Tolland and Windham Counties in Connecticut.

HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	03/12/2010

\* BRCT0001-004 10/05/2009

	Rates	Fringes
BRICKLAYER		
BRICKLAYERS, CEMENT		
MASONS, CEMENT FINISHERS,		
PLASTERERS AND STONE MASONS.	\$ 32.18	19.79

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 CARP0024-006 05/04/2009

LITCHFIELD COUNTY  
 Harwinton, Plymouth, Thomaston, Watertown  
 MIDDLESEX COUNTY  
 NEW HAVEN COUNTY  
 Beacon Falls, Bethany, Branford, Cheshire, East Haven,  
 Guilford, Hamden, Madison, Meriden, Middlebury, Naugatuck, New  
 Haven, North Branford, North Haven, Orange (east of Orange  
 Center Road and north of Route 1, and north of Route 1 and east  
 of the Oyster River), Prospect, Southbury, Wallingford,  
 Waterbury, West Haven, Wolcott, Woodbridge  
 TOLLAND COUNTY  
 Andover, Columbia, Coventry, Hebron, Mansfield, Union,  
 Willington  
 WINDHAM COUNTY

	Rates	Fringes
Carpenters:		
Carpenters, Piledrivers.....	\$ 29.00	17.80
Diver Tenders.....	\$ 29.00	17.80
Divers.....	\$ 37.46	17.80

-----  
 CARP0043-004 05/04/2009

	Rates	Fringes
Carpenters: (TOLLAND COUNTY		
Bolton, Ellington, Somers,		
Tolland, Vernon)		

CARPENTERS, PILEDRIVERS.....	\$ 29.00	17.80
DIVER TENDERS.....	\$ 29.00	17.80
DIVERS.....	\$ 37.46	17.80

CARP0210-002 05/04/2009

	Rates	Fringes
Carpenters:		
CARPENTERS, PILEDRIVERS.....	\$ 29.00	17.80
DIVER TENDERS.....	\$ 29.00	17.80
DIVERS.....	\$ 37.46	17.80
FAIRFIELD COUNTY		

Bethel, Bridgeport, Brookfield, Danbury, Darien, Easton, Fairfield, Greenwich, Monroe, New Canaan, New Fairfield, Newtown, Norwalk, Redding, Ridgefield, Shelton, Sherman, Stamford, Stratford, Trumbull, Weston, Westport, Wilton;

LITCHFIELD COUNTY

Barkhamstead, Bethlehem, Bridgewater, Canaan, Colebrook, Cornwall, Goshen, Kent, Litchfield, Morris, New Hartford, New Milford, Norfolk, North Canaan, Roxbury, Salisbury, Sharon, Torrington, Warren, Washington, Winchester, Woodbury;

NEW HAVEN COUNTY

Ansonia, Derby, Milford, Orange (west of Orange Center Road and south of Route 1 and west of the Oyster River), Oxford, Seymour;

ELEC0003-002 05/08/2008

	Rates	Fringes
Electricians		
FAIRFIELD COUNTY		
Darien, Greenwich, New Canaan, Stamford.....	\$ 44.75	30.42

ELEC0035-001 06/01/2009

	Rates	Fringes
Electricians:		
MIDDLESEX COUNTY		
(Cromwell, Middlefield, Middleton and Portland);		
TOLLAND COUNTY; WINDHAM COUNTY.....	\$ 35.40	19.51

ELEC0090-002 06/01/2009

	Rates	Fringes
Electricians:.....	\$ 34.95	19.50
LITCHFIELD COUNTY		

Plymouth Township;

MIIDDLESEX COUNTY

Chester, Clinton, Deep River, Durham, East Haddam, East Hampton, Essex, Haddam, Killingworth, Old Saybrook, Westbrook;

NEW HAVEN COUNTY

All Townships excluding Beacon Falls, Middlebury, Milford, Naugatuck, Oxford, Prospect, Seymour, Southbury, Waterbury and Wolcott.

ELEC0208-001 06/01/2009

	Rates	Fringes
Electricians:		
FAIRFIELD COUNTY		
Norwalk (Remainder of Area), Weston, Westport, Wilton.....		
	\$ 35.30	18.52

ELEC0488-002 06/01/2009

	Rates	Fringes
Electricians.....	\$ 34.80	19.80
FAIRFIELD COUNTY		

Bethel, Bridgeport, Brookfield, Danbury, Easton, Fairfield, Monroe, New Fairfield, Newtown, Redding, Ridgefield, Shelton, Sherman, Stratford, Trumbull;

LITCHFIELD COUNTY

Except Plymouth;

NEW HAVEN COUNTY

Beacon Falls, Middlebury, Milford, Naugatuck, Oxford, Prospect, Seymour, Southbury, Waterbury and Wolcott

ENGI0478-001 04/05/2009

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 34.05	17.75+a
GROUP 2.....	\$ 33.73	17.75+a
GROUP 3.....	\$ 32.99	17.75+a
GROUP 4.....	\$ 32.60	17.75+a
GROUP 5.....	\$ 32.01	17.75+a
GROUP 6.....	\$ 31.70	17.75+a
GROUP 7.....	\$ 31.36	17.75+a
GROUP 8.....	\$ 30.96	17.75+a
GROUP 9.....	\$ 30.53	17.75+a
GROUP 10.....	\$ 28.49	17.75+a
GROUP 11.....	\$ 28.49	17.75+a

GROUP 12.....	\$ 28.43	17.75+a
GROUP 13.....	\$ 29.96	17.75+a
GROUP 14.....	\$ 27.85	17.75+a
GROUP 15.....	\$ 27.54	17.75+a
GROUP 16.....	\$ 26.71	17.75+a
GROUP 17.....	\$ 26.30	17.75+a
GROUP 18.....	\$ 25.65	17.75+a

Hazardous waste premium \$3.00 per hour over classified rate.

Crane with boom, including jib, 150 feet - \$1.50 extra.  
 Crane with boom, including jib, 200 feet - \$2.50 extra.  
 Crane with boom, including jib, 250 feet - \$5.00 extra.  
 Crane with boom, including jib, 300 feet - \$7.00 extra.  
 Crane with boom, including jib, 400 feet - \$10.00 extra

a. PAID HOLIDAYS: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday.

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Crane handling or erecting structural steel or stone, hoisting engineer (2 drums or over), front end loader (7 cubic yards or over), work boat 26 ft. and over.

GROUP 2: Cranes (100 ton capacity & over), Excavator over 2 cubic yards, piledriver (\$3.00 premium when operator controls hammer).

GROUP 3: Excavator, cranes (under 100 ton rated capacity), gradall, master mechanic, hoisting engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power or operation) Rubber Tire Excavator (drott 1085 or similar); Grader Operator; Bulldozer Fine Grade (slopes, shaping, laser or GPS, etc.)

GROUP 4: Trenching machines, lighter derrick, concrete finishing machine, CMI machine or similar, Koehring Loader (skoooper).

GROUP 5: Specialty railroad equipment, asphalt spreader, asphalt reclaiming machine, line grider, concrete pumps, drills with self contained power units, boring machine, post hole digger, auger, pounder, well digger, milling machine (over 24' mandrel), side boom, combination hoe and loader, directional driller.

GROUP 6: Front end loader (3 cu. yds. up to 7 cu. yards), bulldozer (Rough grade dozer) .

GROUP 7: Asphalt roller, concrete saws and cutters (ride on types), Vermeer concrete cutter, stump grinder, scraper, snooper, skidder, milling machine (24" and under Mandrel).

GROUP 8: Mechanic, grease truck operator, hydoblaster, barrier mover, power stone spreader, welder, work boat

under 26 ft. transfer machine.

GROUP 9: Front end loader (under 3 cubic yards), skid steer loader (regardless of attachments), bobcat or similar, forklift, power chipper, landscape equipment (including hydroseeder).

GROUP 10: Vibratory hammer, ice machine, diesel & air, hammer, etc.

GROUP 11: Conveyor, earth roller, power pavement breaker (whiphammer), robot demolition equipment.

GROUP 12: Wellpoint operator.

GROUP 13: Portable asphalt plant operator, portable concrete plant operator, portable crusher plant operator.

GROUP 14: Compressor battery operator.

GROUP 15: Power Safety boat, Vacuum truck, Zim mixer, Sweeper; (Minimum for any job requiring a CDL license) .

GROUP 16: Elevator operator, tow motor operator (solid tire no rough terrain).

GROUP 17: Generator operator, compressor operator, pump operator, welding machine operator; Heater operator.

GROUP 18: Maintenance engineer.

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IRON0015-002 06/29/2009

	Rates	Fringes
Ironworkers: (Reinforcing, Structural and Precast Concrete Erection).....	\$ 32.75	25.08+a

a. PAID HOLIDAY: Labor Day provided employee has been on the payroll for the 5 consecutive work days prior to Labor Day.

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LABO0056-003 04/05/2009

	Rates	Fringes
Laborers:		
(1).....	\$ 24.25	14.45
(2).....	\$ 24.50	14.45
(3).....	\$ 24.75	14.45
(4).....	\$ 26.00	14.45
(5).....	\$ 16.00	14.45

LABORERS CLASSIFICATIONS

- (1) Laborers (Unskilled).
- (2) Chain saw operators, fence and guard rail erectors, pneumatic tool operators and powdermen.
- (3) Jackhammer/Pavement breaker (handheld), mason

tenders/catch basin builders, asphalt rakers, air track operators, block pavers and curb setters.

(4) Blasters

(5) Traffic control signalmen.

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 PAIN0011-001 06/01/2009

	Rates	Fringes
Painters:		
Blast and Spray.....	\$ 31.17	14.55
Brush and Roll.....	\$ 28.17	14.55
Tanks, Towers, Swing.....	\$ 30.17	14.55

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 PAIN0011-003 06/01/2008

	Rates	Fringes
Painters: (BRIDGE CONSTRUCTION)		
Brush, Roller, Blasting (Sand, Water, etc.) Spray...	\$ 37.65	14.20

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 TEAM0064-001 04/05/2009

	Rates	Fringes
Truck drivers:		
2 Axle Ready Mix.....	\$ 27.08	13.48+a
2 Axle.....	\$ 26.98	13.48+a
3 Axle Ready Mix.....	\$ 27.13	13.48+a
3 Axle.....	\$ 27.08	13.48+a
4 Axle Ready Mix.....	\$ 27.23	13.48+a
4 Axle.....	\$ 27.18	13.48+a
Heavy Duty Trailer 40 tons and over.....	\$ 27.43	13.48+a
Heavy Duty Trailer up to 40 tons.....	\$ 27.18	13.48+a
Specialized (Earth moving equipment other than conventional type on-the-road trucks and semi-trailers, including Euclids).....	\$ 27.23	13.48+a

Hazardous waste removal work receives additional \$1.25 per hour.

a. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day and Good Friday, provided the employee has at least 31 calendar days of service and works the last scheduled day before and the first scheduled day after the holiday, unless excused.

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

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In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

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#### 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 Regional Office for the area in which the survey was conducted because those Regional Offices have 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 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

# City Of Torrington

ENGINEERING DEPARTMENT  
(860) 489-2234



140 Main Street • City Hall  
Torrington, CT 06790-5245  
Fax: (860) 489-2550

## WATER STREET STREETScape IMPROVEMENTS

### PREBID MEETING QUESTIONS For Information Purposes Only

1. Who supplies the parking meter poles?

The meters are removed by the Police Department; poles removed by the Contractor. Police Department. New poles are supplied and installed by contractor. Police Department to install meters and provide and install decorative skirt over pole.

2. Will testing be required?

Yes, an addendum will be issued requiring concrete to be tested. Testing to be paid by Contractor.

3. What permits will be required?

City of Torrington, Engineering Department's Right of Way permit is required, the fee will be waived. Hatchways to be removed may require permit and contractor to check with Building Department.

4. Is the street to be closed every day during all phases of construction?

Yes, Police are to be posted at each end of the construction site every day work is scheduled. (Subsequent to this meeting and referenced in Addendum #1, only one policeman will be required and stationed at intersection of Main Street and Water Street. A flagman will be required and stationed at the intersection of Prospect Street and Water Street.) Access is to be maintained for fire trucks, garbage truck pickups and any business's delivery trucks.

5. Who pays for the Police?

The contractor pays for the police as part of the bid price. Sequencing operations is a key to minimize days closed to traffic.

6. Has the Block Grant been approved and what is the cost estimate?

Yes the Block Grant has been approved. There is no estimate and we will not speculate because recent bids have been "all over the board".

7. What if owner of hatchway does not want to do anything with it?

The contractor is to work around it. (Subsequent to this pre-bid meeting, the City of Torrington Building Official agreed to issue an order to all owners to remove hatchways. Therefore, all hatchways are to be removed and new sidewalk constructed in these areas.)

8. Can the sixty (60) day limit be extended?

No, the intent is to minimize the number of days businesses and traffic will be impacted.

9. Is the Contractor to supply construction drawings?

Yes, Stamped by a Professional Engineer.

10. Is the pavement to be reclaimed?

The existing street pavement is to be milled 2 inches and a 2 inch asphalt overlay applied.

11. There will be a separate milling and paving project by others underway in the City of Torrington anticipated to be occurring the months of late May into August. One of the streets in the milling and paving project will be the section of Water Street from Prospect Street west to Church Street. Coordination will be required between Contractors for the work to be done at the intersection of Prospect Street and Water Street.

# City Of Torrington

ENGINEERING DEPARTMENT  
(860) 489-2234



140 Main Street • City Hall  
Torrington, CT 06790-5245  
Fax: (860) 489-2550

**PROJECT:** Water Street Streetscape

**DATE OF MEETING:** March 8, 2010

**PLACE OF MEETING:** Sullivan Senior Center, Torrington, CT

**SUBJECT OF MEETING:** Pre-bid Meeting

## IN ATTENDANCE:

<u>Company Name</u>	<u>Address</u>	<u>Phone Number</u>	<u>Email Address</u>
Pierce Builders	522 Salmon Brook St	860.653.9254	jeffepiercebuildersinc.com
Clover Const Co	2 Salim Ln, Bristol	860.585.6222	cloverconstruction@comcast.net
AT&T	555 Lakewood Rd, Wtby	203.575.6103	wm3714@att.com
Blakeslee Const Co	546 Torrington St, Torr	860.482.5137	sonnyblakeslee@snet.net
Earthworks	PO Box 506, Oxford	203.881.9620	earthworks2@snet.net
AT&T	555 Lakewood Ln, Wtby	203.575.6152	wq8495@att.com
Shock Electric	178 Osborne St, Danbury	203.748.5690	shockelectric81@hotmail.com
RAR Excavating	1343 Mountain Rd	860.489.4873	ron@rarexcavating.com
Nagy Bros	550 Main St	203.568.0454	nagbro@aol.com
Guerrera Const	154 Christian St, Oxford	203.888.5069	keiths@guerreconstruction.com
Torrington Water Co	277 Norfolk Rd	860.489.4149	scerrtwc@netscape.net
Birm 1 Const Co LLC	10 Riverside Dr, Ansonia	203.735.0755	birm1.llc@comcast.net
Lafferty Ent	Harwinton, NY	860.485.0185	
G.Pic & Sons	225 Knowlton St, Bgpt	203.374.2300	gpicsons@sbcglobal.net
Mountain View Ldscp	67 Old James St	413.536.7555	edd@mountainviewarc.com
To Design	114 W Main St, NB	860.612.1700	wpbarlow@todesignllc.com
Elevthera Assoc LLC	965 Trumbull Hwy Lebn	860.886.3419	pdfeo@aol.com
Star Construction	40 Embree St, Stratford	203.386.9211	ken@starconstructioncorp.com
Leo Construction	470 Beechwood, Brdgpt	203.380.0008	parcoma@leoconstructionllc.net
G&S Excavation	PO Box 551, Morris	860.567.5594	mrgsteve@optonline.net
Zahareks Landscaping	PO Box 1668, Torrington	860.489.4096	
Northeast Consulting	118 East Main, Torrington	860.626.0270	
RJB Contracting	588 Winsted Rd	860.496.2523	ray@rjbcontracting.com
P&G Pepper Const	176 Old Winsted, Trngtn	860.482.4874	pgpepper@hotmail.com
Turri Inc	766 Riverside, Torrington	860.482.2972	trout@turri-inc.com
Dayton Constr	146 Bunker Hill, Wtrtwn	860.274.2998	dcci@daytonconstruction.com
Dave Colburn	Yankee Gas	203.317.4416	
Dennis Colombie	Supreme Industries	860.485.0343	dcolombie@supremeindustries.com
Rich Zaleski	Mastrobattisto		rich.2@mastrobattisto.com
Brian	C.A.S. Construction		bmichaud@eastwestreal.com