

**VEHICLE SERVICES GARAGE CONCRETE FLOOR SLAB REPAIR / REPLACEMENT
PLATT TECHNICAL HIGH SCHOOL, 600 ORANGE AVENUE
MILFORD, CONNECTICUT
PROJECT: BI- RT-854**

BID OPENING	1:00 P.M.	December 21, 2010
ADDENDUM NUMBER 1	DATE OF ADDENDUM	December 13, 2010

The following clarifications are applicable to drawings and specifications for the project referenced above.

Item 1

Delete: Section 1/S1.1 on Drawing No. S1.1 dated 05/12/10.

Add: Revised Section 1/S1.1 on Drawing No. SK1 dated 12/10/10.

Item 2

Add: Section 1 SIM/S1.1 on Drawing No. SK2 dated 12/10/10.

Item 3

Delete: Section 2/S1.1 on Drawing No. S1.1 dated 05/12/10.

Add: Revised Section 2/S1.1 on Drawing No. SK3 dated 12/10/10.

Item 4

Delete: Framing Notes on Drawing No. S1.1 dated 05/12/10.

Add: Revised Framing Notes on Drawing No. SK4 dated 12/10/10.

Item 5

Revise: Revised Concrete Sealer (Base Bid) Note 4 under General Notes on Drawing No. S1.1 dated 05/12/10 to read, "Patching materials including caulking, mortar patches, new concrete, and crack repairs shall be completed and be allowed to fully cure prior to the application of the concrete sealer. See Specifications."

Item 6

Revise: Revised Concrete Sealer (Base Bid) Note 6 under General Notes on Drawing No. S1.1 dated 05/12/10 to read, "A test patch shall be applied to the substrate to verify coverage rate. See Specifications for details."

Item 7

Clarify: Aggregate described as "oven dried sand" in Section 09 67 23, Paragraph 3.04B2 is "oven dried 20-40 silica sand."

Item 8

Add: Section 09 67 23, Paragraph 3.04B3. Add at the end of the paragraph, "The finish coat shall be a gray pigmented aliphatic polyaspartic top coat. The top coat shall be Sikalastic 748 PA."

Item 9

Add: Section 09 67 23, Paragraph 1.03. Add note E, "A representative of the resinous flooring system shall visit the site to review all surface preparations. All cracks required to be sealed by the manufacturer shall be sealed in accordance with the manufacturer's direction and standard guidelines. All costs for crack sealing and repairs shall be included in the cost to furnish and install the resinous flooring included in the Supplemental Bid. The representative shall provide a letter to the Engineer indicating that the surface was prepared in accordance with the Manufacturer's recommendations. This letter shall be accompanied with a formal letter prepared on company letterhead by the general contractor indicating that the resinous flooring system was applied in conformance with the Contract Documents and the manufacturer's recommendations and shall include the warranty information as stated in the Specifications."

Item 10

Question: Sections 2/S1.1 and 3/S1. No material for the caulk is specified.

Answer: See Revised Section 2/S1.1 on Drawing No. SK3 dated 12/10/10.

Item 11

Question: Many cracks were observed in the supported concrete composite deck scheduled to remain during our brief site walk through of the facility on December 2, 2010, are these to be routed and sealed as part of the Base Contract, or alternatively prior to the installation of the waterproofing membrane as part of the supplemental bid?

Answer: Refer to Section 07 19 16 Paragraph 3.02 and Section 09 67 23 Paragraph 3.02 for surface preparations. Also, see item 9 above.

Item 12

Question: At column-line, "G" a masonry wall exists (8" CMU?), but this wall's exact location relative to the underlying beam is not identified. How is the detailing of concrete composite deck demolition/removal and repair to be handled without impacting this wall's integrity?

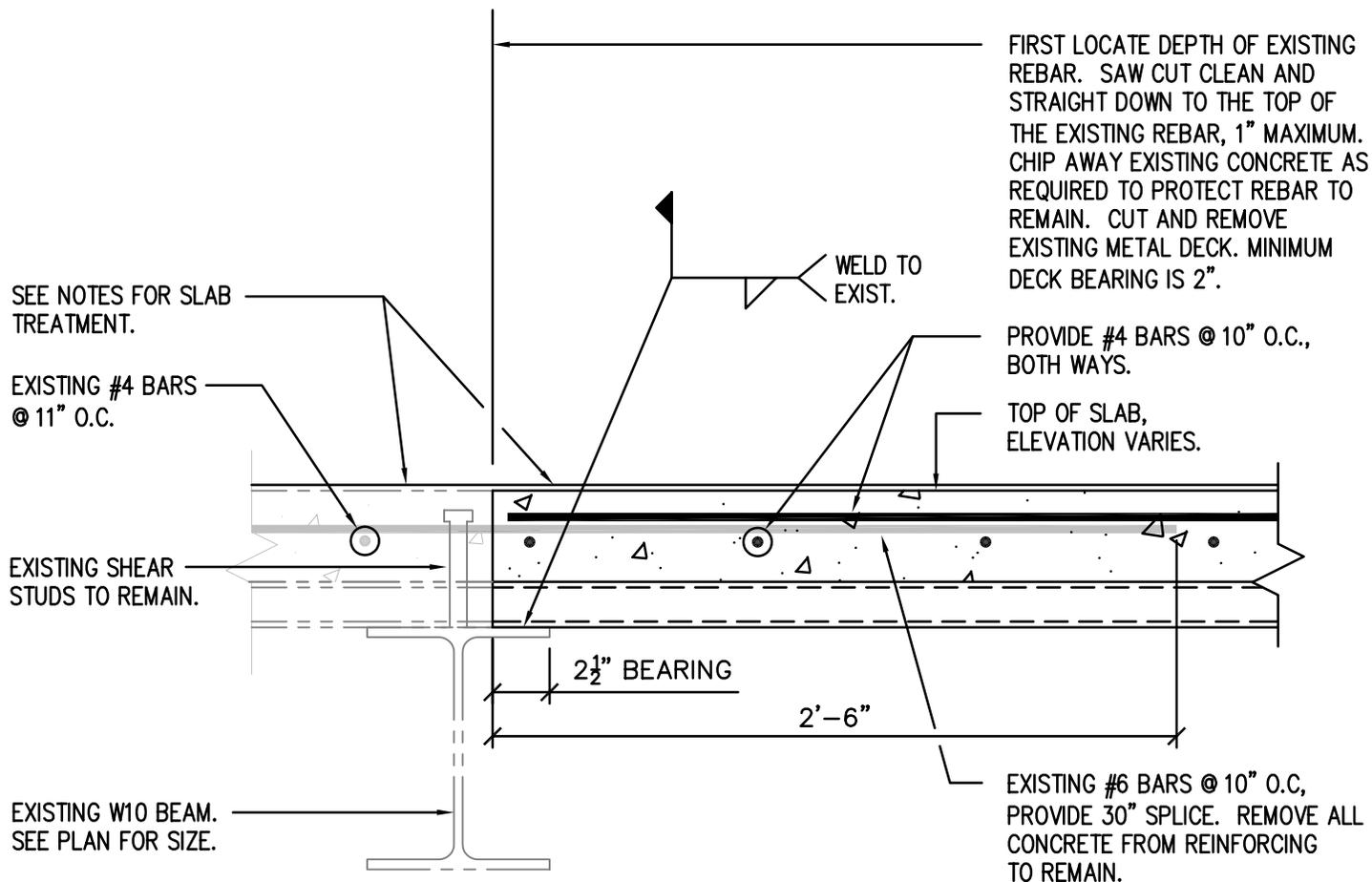
Answer: This wall is not located directly above the referenced beam. The center of the existing 8" CMU wall is offset approximately 1'-4" to the northwest side of the beam on column line G.

All questions must be in writing (not phone or e-mail) and must be forwarded to the consulting Architect/Engineer ([Macchi Engineers, LLC](#) and Fax Number [860.524.5088](#)) with copies sent to the DPW Project Manager ([Ward Ponticelli, RA](#) and Fax Number [860.713.7160](#)).



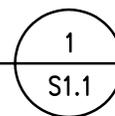
Barbara Bergeron,
Associate Fiscal Administrative Officer
Department of Public Works

END OF ADDENDUM NO. 1

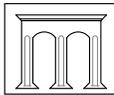


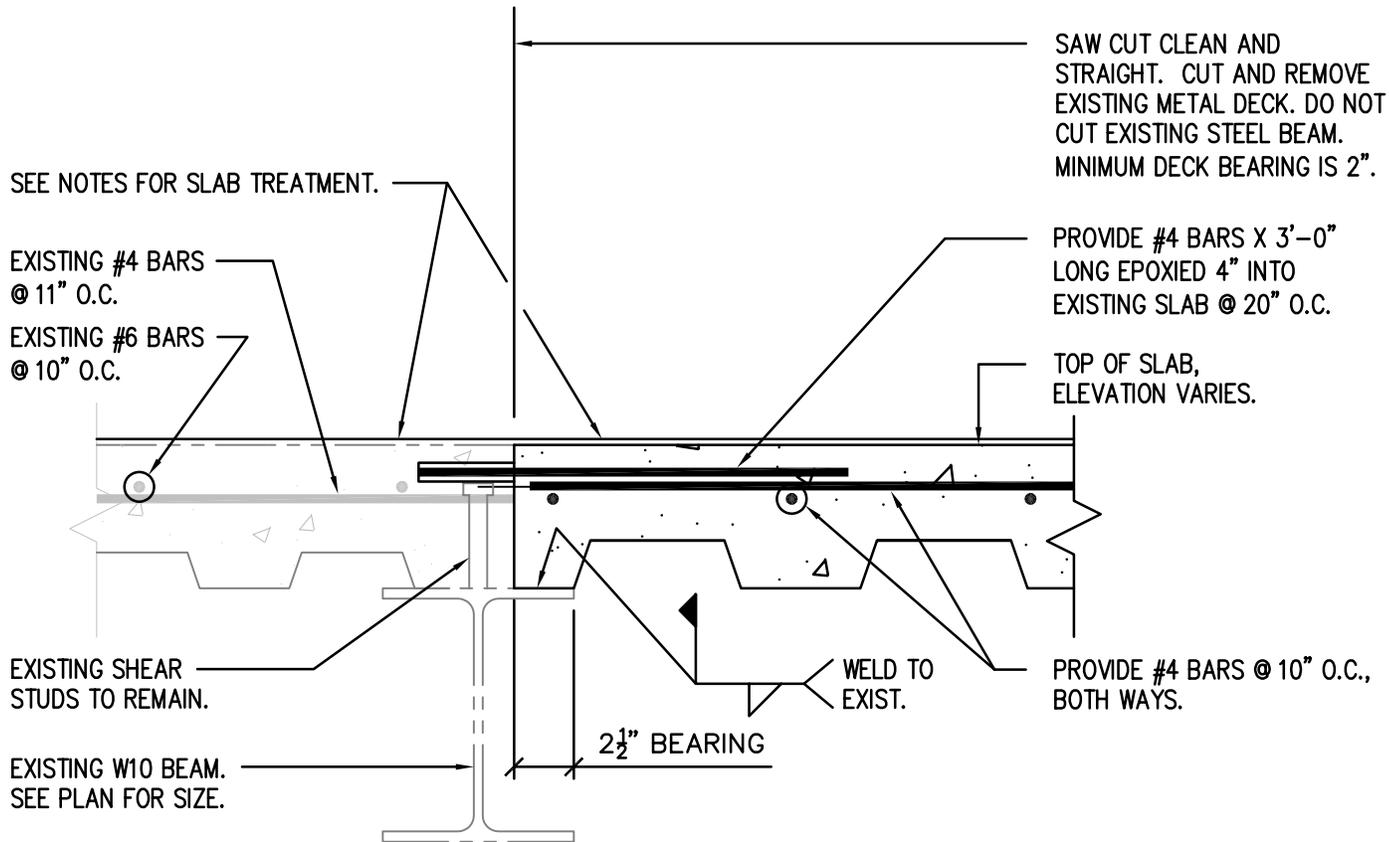
SECTION

SCALE: 1 1/2" = 1'-0"



(REV. 12/10/10)

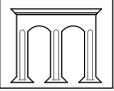
drawing title REVISED SECTION 1/S1.1	STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS		date 12/10/10
			scale AS SHOWN
DRAWING PREPARED BY  MACCHI ENGINEERS, L.L.C. 44 GILLETT STREET, HARTFORD CT. PHONE: (860) 549-6190 FAX: (860)524-5088		project SLAB ON DECK FLOOR REPAIRS PLATT TECHNICAL HIGH SCHOOL 600 ORANGE AVENUE MILFORD, CONNECTICUT	drawn by D.C.
			approved by M.P.
		project no. BI-RT-854	drawing no. SK1



SECTION

SCALE: 1 1/2" = 1'-0"

1 SIM
S1.1

drawing title SECTION 1 SIM/S1.1	STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS		date 12/10/10 scale AS SHOWN
DRAWING PREPARED BY  MACCHI ENGINEERS, L.L.C. 44 GILLETT STREET, HARTFORD CT. PHONE: (860) 549-6190 FAX: (860)524-5088		project SLAB ON DECK FLOOR REPAIRS PLATT TECHNICAL HIGH SCHOOL 600 ORANGE AVENUE MILFORD, CONNECTICUT project no. BI-RT-854	drawn by D.C. approved by M.P. drawing no. SK2

FIRST LOCATE DEPTH OF EXISTING REBAR. SAW CUT CLEAN AND STRAIGHT DOWN TO THE TOP OF THE EXISTING REBAR, 1" MAX. CHIP AWAY EXISTING CONCRETE AS SHOWN. PROTECT EXISTING REBAR TO REMAIN. POWER WASH EXISTING CONCRETE, DECK AND REBAR TO REMAIN. APPLY BONDING AGENT. INSTALL NEW CONCRETE. FORM DAMN AT ENDS OF ANGLE.

NEW GALVANIZED L2"x2"x1/4"x10'-0" LONG WITH 1/4"x1"x3" STRAP ANCHOR 12" O.C. COORDINATE LOCATION WITH EXISTING.

TOOL EDGE TO 1/2" RADIUS CAULK JOINT WITH TRAFFIC GRADE SILICONE SEALANT, PECORA 301-NS OR APPROVED EQUAL.

CUT BACK EXIST BITUMINOUS PAVING 3'-0" PATCH AFTER FORMING CONCRETE SLAB

T.O. SLAB
ELEV. 107'-10"

#3 HOOK 1'-0" O.C. EPOXIED INTO EXIST WITH HILTI HY 150 EPOXY EMBED=6".

(2) #4 BARS CONTINUOUS

SEE PLAN FOR BEAM SIZE AND SPACING

SEE NOTES FOR SLAB TREATMENT.

SHORE AS REQUIRED.

#4 DOWEL 1'-0" LONG EPOXIED INTO EXIST SLAB @ 1'-0" O.C. w/ HILTI HY 150 EPOXY, EMBED=6".

SECTION

SCALE: 1 1/2"=1'-0"

2

S1.1

(REV. 12/10/10)

drawing title
REVISED SECTION 2/S1.1

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC WORKS

date
12/10/10

scale
AS SHOWN

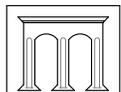
DRAWING PREPARED BY

project
SLAB ON DECK FLOOR REPAIRS
PLATT TECHNICAL HIGH SCHOOL
600 ORANGE AVENUE
MILFORD, CONNECTICUT

drawn by
D.C.

approved by
M.P.

drawing no.



MACCHI ENGINEERS, L.L.C.
44 GILLETT STREET, HARTFORD CT.
PHONE: (860) 549-6190 FAX: (860)524-5088

project no.
BI-RT-854

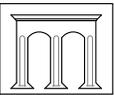
SK3

FRAMING NOTES: (REV. 12/10/10)

1.  INDICATES DIRECTION OF 2" 18 GA. GALV. COMPOSITE FLOOR DECK OVER TWO SPANS MIN. WITH 4" NORMAL WEIGHT CONCRETE ($F'c = 4,000$ psi), FOR A TOTAL THICKNESS OF 6" MIN. MATCH EXIST THICKNESS.

NEW FULL DEPTH CONCRETE SLAB SHALL BE REINFORCED WITH #4 BARS CONTINUOUS AT 10" O.C., BOTH WAYS. SUPPORTED ON CHAIRS WITH $\frac{3}{4}$ " CLEAR COVER.
2. STEEL DECK PROPERTIES:

PROVIDE DECK TYPE INDICATED PER UNITED STEEL DECK, INC. OR AN APPROVED EQUIVALENT WITH THE FOLLOWING MINIMUM PROPERTIES, UNLESS NOTED OTHERWISE: (SEE PLANS FOR LOCATIONS)
2" 18 GAGE GALVANIZED LOK-FLOOR DECK
MINIMUM (S_p) = 0.512 in³
MINIMUM (I) = 0.557in⁴
3. THE EXISTING 6" CONCRETE SLAB OVER MAC-COR TYPE 1C STEEL DECK IS REINFORCED WITH #6 BARS CONTINUOUS AT 10" O.C., NEGATIVE REINFORCING AND #4 BARS CONTINUOUS AT 11" O.C. TRANSVERSE.
4. THE EXISTING STEEL BEAMS ARE COMPOSITE. IN THE AREA OF FULL DEPTH SLAB REPLACEMENT, THE EXISTING SHEAR STUDS SHALL REMAIN. CAREFULLY CHIP AROUND EXISTING STUDS TO REMAIN. ASSUME SEVEN (7) STUDS PER BEAM.

drawing title REVISED FRAMING NOTES	STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS		date 12/10/10 scale AS SHOWN
DRAWING PREPARED BY  MACCHI ENGINEERS, L.L.C. 44 GILLET STREET, HARTFORD CT. PHONE: (860) 549-6190 FAX: (860)524-5088		project SLAB ON DECK FLOOR REPAIRS PLATT TECHNICAL HIGH SCHOOL 600 ORANGE AVENUE MILFORD, CONNECTICUT project no. BI-RT-854	drawn by D.C. approved by M.P. drawing no. SK4

INVITATION TO BID

FOR PROJECTS ESTIMATED TO COST LESS THAN \$500,000.00

FOR CURRENTLY CERTIFIED CONNECTICUT SET-ASIDE CONTRACTORS ONLY

This “Invitation To Bid” is *limited* to participation by *current certified* “Set-Aside Contractors” that have been certified by the Connecticut Department of Administrative Services (DAS) by the “bid opening date.”

ADV. NO. 11-06-I

DATE OF INVITATION: 11/19/2010

SEALED BIDS ADDRESSED TO THE DEPARTMENT OF PUBLIC WORKS - STATE OF CONNECTICUT FOR:

Project Title:	Vehicle Services Garage Concrete Floor Slab Repair/Replacement, Platt Technical High School, Milford, CT
Project Number:	BI-RT-854 (Rebid)
Special Requirement:	N/A
Cost Estimate Range:	\$103,027.50 – \$113,872.50
Plans & Specs Ready for Sale Date:	November 24, 2010
Non-Refundable Fee Per Set	One Free Set
Examination and Acquisition of Plans & Specs	State Of Connecticut, Department Of Public Works, Plans And Specifications Section, Room No. G-36, 165 Capitol Avenue, Hartford, CT 06106, 7:30 A.M. to 3:00 P.M. (Monday-Friday) or by addressing a request to the above address with your Fedex number.
MBE Participation	Good Faith Effort
Pre-Bid Conference:	All prospective bidders are required to attend a MANDATORY Pre-Bid Conference
Pre-Bid Conference Time	To be held at 10:00 AM.
Pre-Bid Conference Date	On Thursday December 2, 2010
Pre-Bid Conference Location	At Platt Regional Vocational Technical School, 600 Orange Ave, Milford, CT. Meet at Main Entrance, Front Lobby of Main Building.
Pre-Bid Conference Registration	All prospective bidders are required to <i>properly</i> register. <i>Proper</i> registration means that the attendee has <i>signed</i> his or her name to the official roster and <i>listed</i> the name and address of the company he or she represents on the official roster no later than the designated start time of the pre-bid conference. No attendee will be allowed to register <i>after</i> the advertised start time of the pre-bid conference. Bids submitted by contractors who have <i>not properly</i> registered and attended the pre-bid conference shall be <i>rejected</i> as non-responsive.
Pre-Bid Conference Contact	Gene LaPorta or Rocky McDowell 203-783-5300
BID OPENING DATE:	December 21, 2010
Receipt of Bid Package	Bids will be <i>received</i> at the STATE OFFICE BUILDING, 165 CAPITOL AVENUE, HARTFORD, CT, 06106 in ROOM No. G-36 UNTIL 1:00 P.M. on the date shown above and thereafter publicly <i>opened</i> and <i>read</i> aloud in ROOM No. G-32.

Gift And Campaign Contribution Certification	If awarded the subject contract and the contract has a value of \$50,000 or more the contractor will be required to sign and submit, at the time of contract execution, Gift And Campaign Contribution Certification . See the DPW home page, http://www.ct.gov/dpw , click on Affidavits, and then click on Contractor/Consultant Certification. For the purposes of signing the Certification, the “date DPW began planning” the subject project or services is such date noted below.
Date DPW Began Planning the Subject Project:	December 14, 2007
Bid Security	As security , each bid must be accompanied by a CERTIFIED CHECK made payable to “Treasurer, State of Connecticut,” or by a BID BOND, in the form required by the awarding authority and having surety thereto such Surety Company or Companies as are authorized to do business in this State and/or accepted by the Commissioner of the Department of Public Works for an amount not less than 10% of the bid if the bid is in excess of \$50,000.00 .
To access the Department of Public Works web site: http://www.ct.gov/dpw	
To access Executive Order #1: http://www.ct.gov/governorrell/cwp/view.asp?Q=276038&A=1720	
To access Executive Order #7c: http://www.ct.gov/governorrell/cwp/view.asp?A=1719&Q=317970	

Performance and Labor and Material Bonds to be furnished by the bidder awarded the contract shall be an amount not less than 100% of the contract price if the bid is in **excess of \$100,000.00**.

The Commissioner reserves the right to do any of the following without liability: (a) waive technical defects in the bid proposal as he or she deems best for the interest of the State; (b) negotiate with a contractor in accordance with Connecticut General Statutes Section 4b-91;(c) reject any or all bids; (d) cancel the award or execution of any contract prior to the issuance of the “Notice To Proceed;” and, (e) advertise for new bids.

Nonresident contractors: A certificate from the Commissioner of Revenue Services must be provided which evidences that Connecticut General Statutes Section 12-430 for non-resident contractors has been met. For details call the Department of Revenue Services at (860) 541-3280, ext. 7.

EXECUTIVE ORDERS:

The Contract is subject to the provisions of Executive Order No. Three of Governor Thomas J. Meskill, promulgated June 16, 1971, concerning labor employment practices, Executive Order No. Seventeen of Governor Thomas J. Meskill, promulgated February 15, 1973, concerning the listing of employment openings and Executive Order No. Sixteen of Governor John G. Rowland promulgated August 4, 1999, concerning violence in the workplace, all of which are incorporated into and are made a part of the Contract as if they had been fully set forth in it. At the Contractor’s request, the Client Agency shall provide a copy of these orders to the Contractor. The Contract may also be subject to Executive Order No. 7C of Governor M. Jodi Rell, promulgated July 13, 2006, concerning contracting reforms and Executive Order No. 14 of Governor M. Jodi Rell,

promulgated April 17, 2006, concerning procurement of cleaning products and services, in accordance with their respective terms and conditions.

This contract is subject to the provisions of the Department of Public Works **Sexual Harassment Policy** ("Policy") and, as such, the contract may be canceled, terminated, or suspended by DPW for violation of or noncompliance with said Policy. Said document is hereby incorporated herein by reference and made a part hereof as though fully set forth herein. This policy may be found at the Department of Public Works Website <http://www.ct.gov/dpw/lib/dpw/SexualHarassmentPolicy092407.pdf>

All technical questions must be in writing (not phoned or emailed) and faxed to the Architect/Engineer with a copy to the DPW Project Manager listed below.

Architect/Engineer:	Macchi Engineers, LLC	Fax No:	860-524-5088
Construction Administrator	Department of Public Works	Fax No:	860-713-7261
DPW Project Manager:	Steven Longo	Fax No:	860-713-7261

All bid questions should be addressed to the Associate Fiscal Administrative Officer listed below.

Associate Fiscal Administrative Officer	Barbara Bergeron	Fax No:	(860) 713-7395
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Contract Time Allowed: 70 Calendar Days

Liquidated Damages:	\$ 814.00	Per Calendar Day beyond Substantial Completion
	\$ 713.00	Per Calendar Day beyond ninety (90) days after Substantial Completion

Prevailing Wage Rates: Prevailing wages are required on this project, in accordance with the schedule provided in the bid documents, pursuant to Connecticut General Statutes Section 31-53, as may be amended.

Each contractor who is awarded a contract on or after October 1, 2002 shall be subject to provisions of the Connecticut General Statutes Section 31-53 and Section 31-55a.

Wage Rates will be posted each July 1st on the Department of Labor website: www.ctdol.state.ct.us . Such prevailing wage adjustment shall not be considered a matter for any contract amendment.

The wages paid on an hourly basis to any mechanic, laborer or workman employed upon the work herein contracted to be done and the amount of payment or contribution paid or payable on behalf of each such employee to any employee welfare fund, as defined in subsection (h) of section 31-53 of the Connecticut General Statutes, shall be at a rate equal to the rate customary or prevailing for the same work in the same trade or occupation in the town in which such public works project is being constructed. Any contractor who is not obligated by agreement to make payment or contribution on behalf of such employees to any such employee welfare fund shall pay to each employee as part of his wages the amount of payment or contribution for his classification on each pay day.

Procurement

Department of Public Works