

## ROOF REPLACEMENT

**EDWIN O. SMITH HIGH SCHOOL  
1235 STORRS ROAD  
STORRS-MANSFIELD, CT 06268  
STATE PROJECT #219-0020 RR**

S/P+A PROJECT NO. 19.006

**DATE: November 26, 2019**

The following changes to the Drawings and Project Specifications shall become a part of the Drawings and Project Specifications; superseding previously issued Drawings and Project Specifications to the extent modified by Addendum No. 1.

**General Information:**

- The prebid sign-in sheet is attached for reference. (1)
- The deadline for RFIs is Monday, December 9, 2019.
- See attached RFIs. (6)

**Changes to the Specifications:**

- TABLE OF CONTENTS:
  - Page 1, Division 00 – Procurement and Contract Requirements, Prevailing Wage Rate Information, Pages, add “36”. (*Per Internal Review*)
- PREVAILING WAGE RATE INFORMATION, delete Form SCG-6000 in its entirety and replace with actual Wage Rates, dated November 13, 2019, attached as part of this addendum. (15) (*Per State Requirements*)
- SECTION 075216, STYRENE-BUTADIENE-STYRENE (SBS) MODIFIED BITUMIOUS MEMBRANE ROOFING, Page 6, Article 2.6.B., revise “Grade 2” to read “Grade 3”. (*Per RFI #001*)
- SECTION 084523, FIBERGLASS-SANDWICH-PANEL ASSEMBLIES:
  - Page 1, Article 1.2.A.1., add to the end “, including ridge and hipped ridge”.
  - Page 3, Article 2.1.F.1., revise “0.25” to read “0.10”. (*Per Internal Review*)

**Changes to the Drawings:**

- DRAWINGS C1 and A1-A4, Construction Notes, Note 4, delete in its entirety. (*Per RFI #002*)
- DRAWING A2, PART ROOF PLAN #1, Roof Plan 1:
  - Roof 5, add “M.G.” to line on Eastern edge of roof.
  - Roof 14, add symbol and “M.L.” at Eastern wall between Roof 14 and Roof 2. (*Per RFI #002*)

The bid date remains unchanged by this addendum.

The addendum consists of twenty-four (24) pages of 8½” x 11” text.

End of Addendum ‘1’



**Rebecca Bouchard**

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**From:** Rebecca Bouchard  
**Sent:** Friday, November 22, 2019 2:37 PM  
**To:** Matthew Hamilton  
**Subject:** RE: Edwin O Smith High School Roof Replacement - Insulation clarification

Good afternoon Matthew.

Thank you for the question. Grade 3 insulation is required as there will be a photovoltaic system installed following the roof replacement.

Have a great day and good luck.

*Rebecca Bouchard, CSI, CDT*

*Specifications Writer*



**SILVER/PETRUCELLI+ASSOCIATES**  
*Architects / Engineers / Interior Designers*

3190 Whitney Avenue Bldg 2 | Hamden, CT 06518  
One Post Hill Place | New London, CT 06320  
[silverpetrucelli.com](http://silverpetrucelli.com) | P: [203.230.9007 x202](tel:203.230.9007) | F: [203.230.8247](tel:203.230.8247)

**From:** Matthew Hamilton <matthew.hamilton@gaf.com>  
**Sent:** Thursday, November 21, 2019 4:28 PM  
**To:** Rebecca Bouchard <rbouchard@silverpetrucelli.com>  
**Subject:** Edwin O Smith High School Roof Replacement - Insulation clarification

Rebecca,

Good afternoon and hope all is well. I wanted to reach out to see if you could help or point me in the right direction for specification review.

I am in the process of reviewing the specification for Edwin O Smith High School roof replacement in Storres, CT.

I had a quick question on the Polyisocyanurate Board.

Would you be able to help provide clarification if Grade 2 or Grade 3 is being specified? Please see snip from spec below. It states Grade 2 then list 25 PSI below

Thank you for the help in advance and have a great evening.

## 2.6 ROOF INSULATION

- A. General: Preformed roof insulation boards manufactured or approved by roof membrane manufacturer.
- B. Polyisocyanurate Board Insulation: ASTM C 1289, Type II, Class 1, Grade 2, felt or glass-fiber mat facer on both major surfaces.
  - 1. Compressive Strength: 25 psi.
- C. Perlite Board Insulation: ASTM C 728, Type 1, rigid, mineral-aggregate thermal insulation board composed of expanded perlite, cellulosic fibers, binders, and waterproofing agents with top surface seal coated.
- D. Tapered Insulation: Provide factory-tapered insulation boards.
  - 1. Material: Match roof insulation.
  - 2. Minimum Thickness: ¼-inch.
  - 3. Slope:
    - a. Roof Field: ¼-inch per foot unless otherwise indicated on Drawings.
    - b. Saddles and Crickets: ½-inch per foot unless otherwise indicated on Drawings.

### **Matthew Hamilton**

Territory Manager - New England  
Commercial Roofing System  
West Springfield, MA 01089  
C. 215-378-0863  
Matthew.Hamilton@GAF.com

## Rebecca Bouchard

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**From:** Rebecca Bouchard  
**Sent:** Tuesday, November 26, 2019 2:10 PM  
**To:** cheimer@silktownroofing.com  
**Subject:** RE: EO Smith RFI's

Chris, please see responses to your questions in red below.  
 Thank you and good luck.

Rebecca Bouchard, CSI, CDT  
 Specifications Writer



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 Architects / Engineers / Interior Designers

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**From:** Chris Heimer <[cheimer@silktownroofing.com](mailto:cheimer@silktownroofing.com)>  
**Sent:** Friday, November 22, 2019 2:52 PM  
**To:** Paul Jorgensen <[pjorgensen@silverpetrucelli.com](mailto:pjorgensen@silverpetrucelli.com)>  
**Cc:** Ken Linsley <[klinsley@silverpetrucelli.com](mailto:klinsley@silverpetrucelli.com)>  
**Subject:** EO Smith RFI's

Hi Paul/Ken-

Good seeing you again yesterday Paul. I have a few questions on this one:

-Construction note # 4 calls for remove & dispose of chimney, however at walk thru you mention chimney will remain. Can you confirm. **-Please disregard demolition note #4.**

-Please see attached drawing A2, is this a metal guard rail? There is no detail tag at this location. Please advise. **-Yes, this is a metal guard rail.**

-It was mentioned at walk thru Silver Petrucci has the roof core information and locations. Could you provide plan showing these locations/make up of existing systems (deck type/insulation thickness/membranes, etc.). Please advise. **- Existing sloped roofs are two (2) layers of 1.5-inch insulation and ½-inch coverboard; existing flat roofs are two (2) layers of 1.5-inch flat insulation with tapered & ½-inch coverboard so those heights vary because of the tapered. Contractor to verify in field.**

-Please see attached photos. Who is responsible for removal/reinstallation of the antennas. Please advise. **-Short band antennae will be removed by the Science Teacher. The single two-way radio antenna will be removed by J&S Radio's and Grounds. The weather station is to be removed and reinstalled by Contractor.**

-Will the town be waiving building permit fees? Or does the contractor need to carry cost? Please advise. **-Contractor will be responsible for the building permit fees.**

-Who do we contact to set up any future site visits and times? Please advise. **-All site visit requests during bidding will be coordinated through S/P+A; either Ken or Paul.**

-Please see attached drawing A4, is this the only location that will be getting a metal ladder? Please advise. **-No, please install new metal ladder at wall located on Eastern side of Roof 14 to Roof 2.**

Respectfully submitted,

**Chris Heimer / Project Manager**  
**Silktown Roofing, Inc.**

27 Pleasant St., Manchester, CT 06040

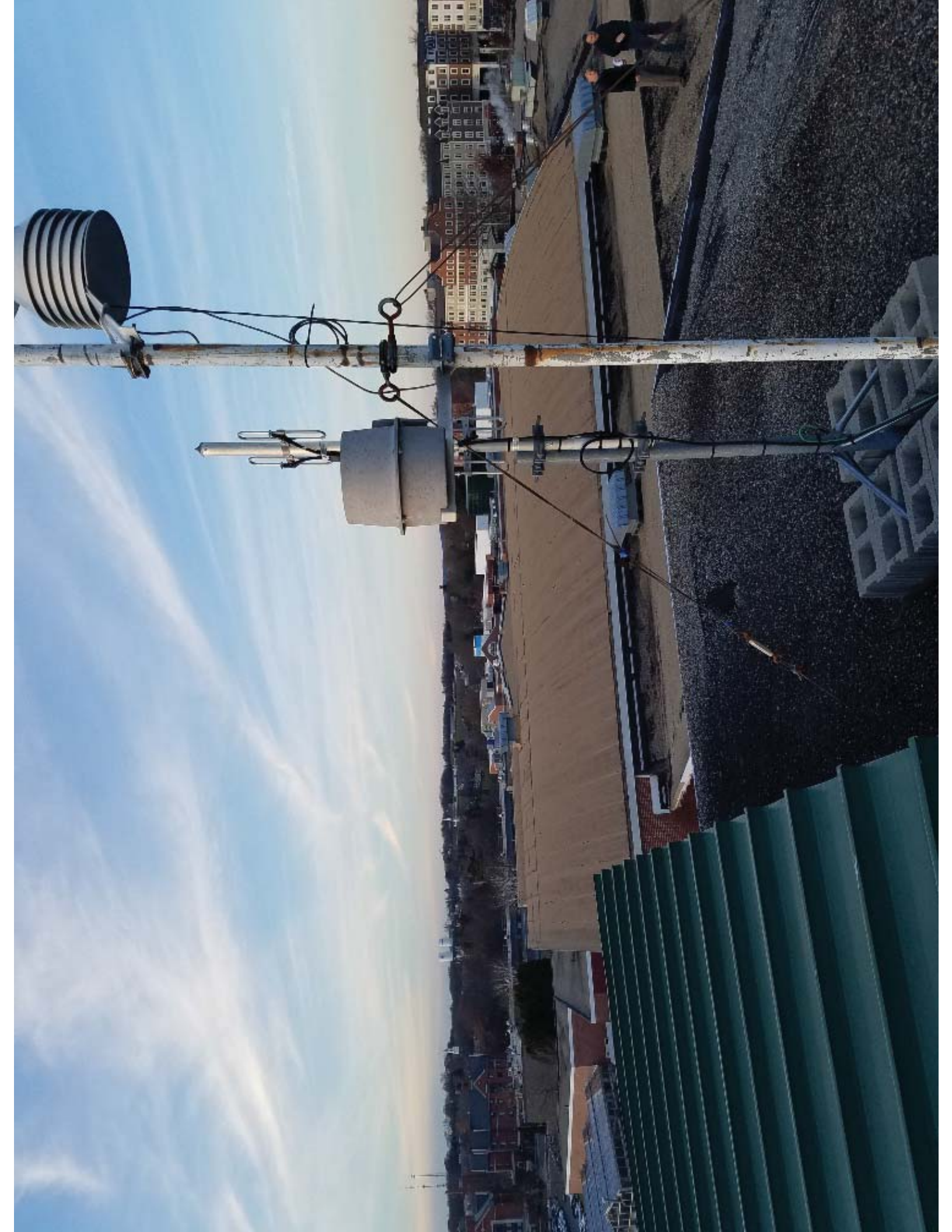
Office: (860) 647-0198 / Fax: (860) 646-0775

Cell: (860) 883-2671

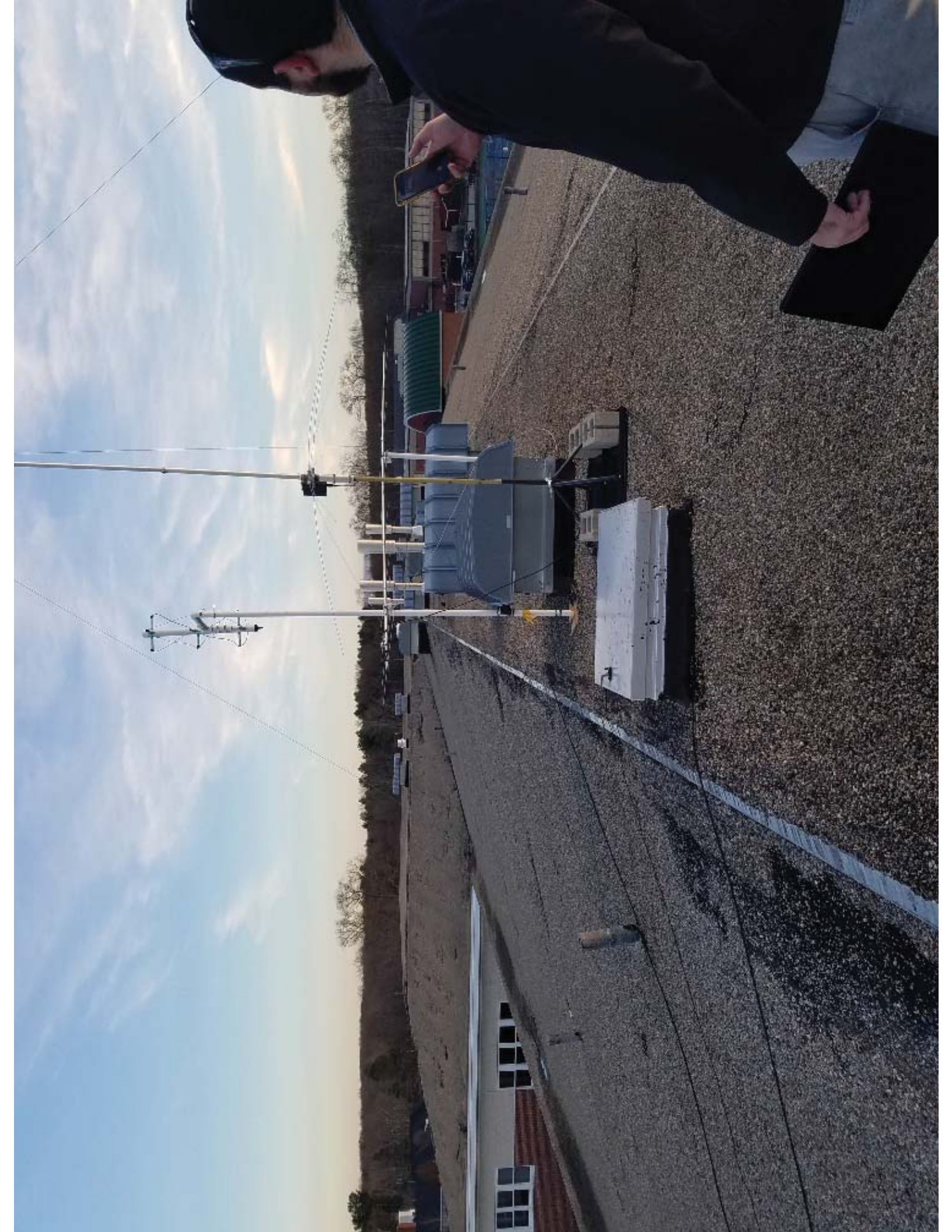


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Project: Edwin O. Smith High School Roof Replacement

**Minimum Rates and Classifications  
for Building Construction**

ID# : B 26703

**Connecticut Department of Labor  
Wage and Workplace Standards Division**

By virtue of the authority vested in the Labor Commissioner under provisions of Section 31-53 of the General Statutes of Connecticut, as amended, the following are declared to be the prevailing rates and welfare payments and will apply only where the contract is advertised for bid within 20 days of the date on which the rates are established. Any contractor or subcontractor not obligated by agreement to pay to the welfare and pension fund shall pay this amount to each employee as part of his/her hourly wages.

Project Number: Project Town: Mansfield  
State# FAP#:

Project: Edwin O. Smith High School Roof Replacement

**CLASSIFICATION** **Hourly Rate** **Benefits**

1a) Asbestos Worker/Insulator (Includes application of insulating materials, protective coverings, coatings, & finishes to all types of mechanical systems; application of firestopping material for wall openings & penetrations in walls, floors, ceilings) 38.25 27.96

1b) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters. \*\*See Laborers Group 7\*\*

1c) Asbestos Worker/Heat and Frost Insulator 40.21 30.99

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2) Boilermaker	38.34	26.01
3a) Bricklayer, Cement Mason, Concrete Finisher (including caulking), Stone Masons	34.72	32.55 + a
3b) Tile Setter	34.90	25.87
3c) Terrazzo Mechanics and Marble Setters	31.69	22.35
3d) Tile, Marble & Terrazzo Finishers	26.70	21.75
3e) Plasterer	33.48	32.06

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-----LABORERS-----

4) Group 1: Laborers (common or general), acetylene burners, concrete specialists, wrecking laborers, fire watchers.	30.75	20.84
4a) Group 2: Mortar mixers, plaster tender, power buggy operators, powdermen, fireproofers/mixer/nozzleman (Person running mixer and spraying fireproof only).	31.00	20.84
4b) Group 3: Jackhammer operators/pavement breaker, mason tender (brick), mason tender (cement/concrete), forklift operators and forklift operators (masonry).	31.25	20.84
4c) **Group 4: Pipelayers (Installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license) (the pipelayer rate shall apply only to one or two employees of the total crew who primary task is to actually perform the mating of pipe sections) P6 and P7 rate is \$26.80.	31.75	20.84
4d) Group 5: Air track operator, sand blaster and hydraulic drills.	31.50	20.84

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4e) Group 6: Blasters, nuclear and toxic waste removal.	33.75	20.84
4f) Group 7: Asbestos/lead removal and encapsulation (except it's removal from mechanical systems which are not to be scrapped).	31.75	20.84
4g) Group 8: Bottom men on open air caisson, cylindrical work and boring crew.	29.03	20.84
4h) Group 9: Top men on open air caisson, cylindrical work and boring crew.	28.49	20.84
4i) Group 10: Traffic Control Signalman	18.00	20.84
5) Carpenter, Acoustical Ceiling Installation, Soft Floor/Vinyl Floor/Carpet Laying, Metal Stud Installation, Form Work and Scaffold Building, Drywall Hanging, Modular-Furniture Systems Installers, Lathers, Piledrivers, Resilient Floor Layers.	33.53	25.66

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5a) Millwrights	34.04	26.09
6) Electrical Worker (including low voltage wiring) (Trade License required: E1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	40.00	27.67+3% of gross wage
7a) Elevator Mechanic (Trade License required: R-1,2,5,6)	53.37	33.705+a+b
-----LINE CONSTRUCTION-----		
Groundman	26.50	6.5% + 9.00
Linemen/Cable Splicer	48.19	6.5% + 22.00

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8) Glazier (Trade License required: FG-1,2)	38.18	21.80 + a
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9) Ironworker, Ornamental, Reinforcing, Structural, and Precast Concrete Erection	36.67	35.77
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----OPERATORS----

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 and Tunnel Boring Machines. (Trade License Required)	40.97	24.80 + a
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Group 2: Cranes (100 ton rate capacity and over); Excavator over 2 cubic yards; Piledriver (\$3.00 premium when operator controls hammer); Bauer Drill/Caisson. (Trade License Required)	40.64	24.80 + a
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Group 3: Excavator; Backhoe/Excavator under 2 cubic yards; Cranes (under 100 ton rated capacity), Grader/Blade; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085 or similar); Grader Operator; Bulldozer Fine Grade. (slopes, shaping, laser or GPS, etc.). (Trade License Required)	39.88	24.80 + a
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Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper).	39.48	24.80 + a
Group 5: Specialty Railroad Equipment; Asphalt Paver; Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder; Well Digger; Milling Machine (over 24" Mandrell)	38.87	24.80 + a
Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller; Pile Testing Machine.	38.87	24.80 + a
Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	38.55	24.80 + a
Group 7: Asphalt roller, concrete saws and cutters (ride on types), vermeer concrete cutter, Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and under Mandrell).	38.20	24.80 + a
Group 8: Mechanic, grease truck operator, hydroblaster; barrier mover; power stone spreader; welding; work boat under 26 ft.; transfer machine.	37.79	24.80 + a

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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).	37.34	24.80 + a
Group 10: Vibratory hammer; ice machine; diesel and air, hammer, etc.	35.24	24.80 + a
Group 11: Conveyor, earth roller, power pavement breaker (whiphammer), robot demolition equipment.	35.24	24.80 + a
Group 12: Wellpoint operator.	35.18	24.80 + a
Group 13: Compressor battery operator.	34.58	24.80 + a
Group 14: Elevator operator; tow motor operator (solid tire no rough terrain).	33.41	24.80 + a

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Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	32.99	24.80 + a
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Group 16: Maintenance Engineer/Oiler.	32.32	24.80 + a
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Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	36.76	24.80 + a
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Group 18: Power safety boat; vacuum truck; zim mixer; sweeper; (Minimum for any job requiring a CDL license).	34.26	24.80 + a
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-----PAINTERS (Including Drywall Finishing)-----

10a) Brush and Roller	34.62	21.80
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10b) Taping Only/Drywall Finishing	35.37	21.80
10c) Paperhanger and Red Label	35.12	21.80
10e) Blast and Spray	37.62	21.80
11) Plumber (excluding HVAC pipe installation) (Trade License required: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2)	43.62	32.06
12) Well Digger, Pile Testing Machine	37.26	24.05 + a
13) Roofer (composition)	37.60	20.65

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14) Roofer (slate & tile)	38.10	20.65
15) Sheetmetal Worker (Trade License required for HVAC and Ductwork: SM-1,SM-2,SM-3,SM-4,SM-5,SM-6)	37.98	38.31
16) Pipefitter (Including HVAC work) License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4, G-1, G-2, G-8 & G-9)	(Trade	43.62 32.06

-----TRUCK DRIVERS-----

17a) 2 Axle	29.51	24.52 + a
17b) 3 Axle, 2 Axle Ready Mix	29.62	24.52 + a

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17c) 3 Axle Ready Mix	29.67	24.52 + a
17d) 4 Axle, Heavy Duty Trailer up to 40 tons	29.72	24.52 + a
17e) 4 Axle Ready Mix	29.77	24.52 + a
17f) Heavy Duty Trailer (40 Tons and Over)	29.98	24.52 + a
17g) Specialized Earth Moving Equipment (Other Than Conventional Type on-the-Road Trucks and Semi-Trailers, Including Euclids)	29.77	24.52 + a
18) Sprinkler Fitter (Trade License required: F-1,2,3,4)	45.57	24.33 + a

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19) Theatrical Stage Journeyman

25.76

7.34

***As of:* Wednesday, November 13, 2019**

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*Welders: Rate for craft to which welding is incidental.*

*\*Note: Hazardous waste removal work receives additional \$1.25 per hour for truck drivers.*

*\*\*Note: Hazardous waste premium \$3.00 per hour over classified rate*

***ALL Cranes: When crane operator is operating equipment that requires a fully licensed crane operator to operate he receives an extra \$4.00 premium in addition to the hourly wage rate and benefit contributions:***

***1) Crane handling or erecting structural steel or stone; hoisting engineer (2 drums or over)***

***2) Cranes (100 ton rate capacity and over) Bauer Drill/Caisson***

***3) Cranes (under 100 ton rated capacity)***

*Crane with 150 ft. boom (including jib) - \$1.50 extra*

*Crane with 200 ft. boom (including jib) - \$2.50 extra*

*Crane with 250 ft. boom (including jib) - \$5.00 extra*

*Crane with 300 ft. boom (including jib) - \$7.00 extra*

*Crane with 400 ft. boom (including jib) - \$10.00 extra*

All classifications that indicate a percentage of the fringe benefits must be calculated at the percentage rate times the "base hourly rate".

Apprentices duly registered under the Commissioner of Labor's regulations on "Work Training Standards for Apprenticeship and Training Programs" Section 31-51-d-1 to 12, are allowed to be paid the appropriate percentage of the prevailing journeymen hourly base and the full fringe benefit rate, providing the work site ratio shall not be less than one full-time journeyman instructing and supervising the work of each apprentice in a specific trade.

*The Prevailing wage rates applicable to this project are subject to annual adjustments each July 1st for the duration of the project.*

*Each contractor shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.*

*It is the contractor's responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's website.*

*The annual adjustments will be posted on the Department of Labor's Web page: [www.ct.gov/dol](http://www.ct.gov/dol). For those without internet access, please contact the division listed below.*

*The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project.*

*All subsequent annual adjustments will be posted on our Web Site for contractor access.*

*Contracting Agencies are under no obligation pursuant to State labor law to pay any increase due to the annual adjustment provision.*

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*Effective October 1, 2005 - Public Act 05-50: any person performing the work of any mechanic, laborer, or worker shall be paid prevailing wage*

All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification.

All certified payrolls must list the hours worked and wages paid to All Persons who perform work ON SITE regardless of their ownership i.e.: (Owners, Corporate Officers, LLC Members, Independent Contractors, et. al)

Reporting and payment of wages is required regardless of any contractual relationship alleged to exist between the contractor and such person.

**~~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 clause (29 CFR 5.5 (a) (1) (ii)).**

Please direct any questions which you may have pertaining to classification of work and payment of prevailing wages to the Wage and Workplace Standards Division, telephone (860)263-6790.

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