

COLCHESTER TOWN GREEN BICYCLE & PEDESTRIAN IMPROVEMENT PROJECT
ADDENDUM NO. 1
SEPTEMBER 7, 2021

TO ALL BIDDERS:

All instructions contained in this addendum shall be reflected in the Bid and will be made part of the Contract Documents when the Contract is awarded. Sealed Bids are still due to be received at the office of the First Selectman of the Town of Colchester, 127 Norwich Avenue, Suite 201, Colchester, Connecticut, 06415; Attention: Ms. Mary Bylone, First Selectman until **2:00 p.m. prevailing time on Wednesday, September 15, 2021**

Addenda will be issued to those contractors who attended the mandatory prebid meeting and posted on the Town's website. It is the responsibility of contractors bidding the project to distribute copies of this addendum to all subcontractors, suppliers and other entities providing quotations.

The following items form this addendum:

1. Clarifications resulting from the mandatory pre-bid meeting discussion and subsequent bidders' questions.
2. Sign-In-Sheet & Agenda/Meeting Minutes from mandatory pre-bid meeting.
3. Connecticut Department of Labor - Wage Rates issued for this project.
4. Project Sign Requirements for Construction and Installation – CTDOT CCGP Grant Program

CLARIFICATIONS:

1. The Town requests that items which are anticipated to have long lead times be ordered in a timely fashion to prevent project delays to the greatest extent possible.
2. All existing erosion related disturbances within 50' of the proposed work areas shall be restored by the contractor as part of this project. This work includes, but is not limited to, scarifying the area, placement of screened topsoil, and placement of perennial grass seed.
3. The proposed bike racks have been removed from the plans. Affected sheets include: Layout, Grading & Drainage Plan (Sheet 2 of 3).
4. The Pavement Repair detail for the area impacted by the placement of the proposed storm drainage and curb replacement within Hayward Avenue shall be a minimum pavement thickness of 3.5" or the contractor shall match the existing pavement thickness within the road, whichever is greater. All pavement repair within the State ROW shall match the existing pavement thickness or as instructed by CTDOT District II staff.

5. The attached project sign requirements and detail for the Project Signs for Community Connectivity Grant Funded Projects shall supersede all previous renditions of the proposed sign.
6. Liquidated damages for this project shall be \$500.00/day.
7. This project is being funded by a grant from the CTDOT Community Connectivity Grant Program. The original grant amount was for \$397,000 which included a flexi-pave pavement system and project incidentals including design and construction administration services.

PRE-BID MEETING AGENDA (MINUTES IN BLUE)
COLCHESTER TOWN GREEN BICYCLE & PEDESTRIAN IMPROVEMENT PROJECT
COLCHESTER, CONNECTICUT
10:00 AM SEPTEMBER 1, 2021

I. INTRODUCTIONS

- A. Sign In Sheet
- B. Owner – Town of Colchester
- C. Engineer – Barton and Loguidice, LLC

II. GENERAL PROJECT INFORMATION

- A. Funded by the CTDOT's Community Connectivity Grant Program in the amount of **\$397,000**. The scope of work for this project has changed since this grant was received. These changes include modifying the pathway material from Flexi-Pave to stone dust and other minor changes. The anticipated cost of completion is lower than the current grant amount.

- B. Bid opening date, time, location

2:00 p.m. on Wednesday, September 15, 2021 First Selectman's Office

- C. Bid Forms

- Bid Proposal Form – Contract Lump Sum with Unit Price Adjustments & Allowances
- Commission on Human Rights and Opportunities (CHRO) Forms - Bidder Contract Compliance Monitoring Report
- Non-Collusion Affidavit
- Bonds: 5% Bid Bond, 100% Performance & Payment Bonds
- Agreement
- Bidders Qualification Statement (Invitation to Bid #7 - Minimum of 4 references)

- D. Contract Schedule:

- Bid Closed: 09/15/21 (Wednesday)
- Notice of Award: 10/8/21 (Friday)
- Contract Signing/Pre-Construction Meeting: 10/11/21 (Monday)
- Notice to Proceed (NTP): 10/12/21 (Tuesday)
- **Anticipated Construction Start: 10/12/21 (Tuesday)**
- **Substantial Completion 12/10/21 (Friday)**
- Contract time for this project is 60 days
- Liquidated Damages = Amount of **\$500/day**
- Working Hours: M-F (7:30am-6pm), weekends with Town's prior approval.

- E. Insurance Requirements: Sec. 5.04 General Conditions & Supplemental Conditions docs
- F. Prevailing Wage Rates in contract docs

III. DETAILED PROJECT OVERVIEW

- A. Improvements shall include the reconstruction and installation of shared-use pathways throughout the green along with the installation of accessible sidewalk ramps, light poles with associated electrical service upgrades, benches and trash receptacles. Additionally, the scope of work also includes minor drainage improvements within Hayward Avenue, the rehabilitation of the historic gazebo, replacement of an existing wooden event board, the construction of a new bus shelter which shall be consistent with the Town Green's historic architecture and minor turf establishment and landscape improvements.
- B. Allowances for the Renovation of Existing Gazebo, Electrical Service Upgrades & Bus Shelter Replacement are included in the Bid Proposal Form
- C. Permits: The Town will waive local application/permit fees. The Contractor is responsible for obtaining a CTDOT Encroachment permit for all work within the State's ROW.
- D. Material Submittals – Anticipated submittals listed in Special Provisions Section. [Items that require long wait times shall be ordered in a timely fashion to prevent project delays to the greatest extent possible.](#)
 - Subbase
 - Stone Dust (Including Material Sample)
 - Bit. Concrete Mix Designs
 - Concrete Mix Design
 - Light Poles, Fixtures & Bases
 - Pedestrian Bench
 - Trash Receptacle
 - Materials for Repair of Existing Gazebo
 - Materials for Bus Shelter Replacement
 - Catch Basins
 - HDPE Pipe
 - Detectable Warning Pad
 - Electrical Materials
- E. Construction Inspections: The Contractor is hereby notified that the Town or its agent shall perform all testing as deemed necessary to ensure contract compliance.
- F. Technical Specifications: Contained in Contract Special Provisions & CTDOT Form 818

IV. QUESTIONS – Due by 5 p.m. on Wednesday September 8, 2021

V. PRE-BID MEETING FOLLOW-UP – ADDENDUM NO. 1

- A. Meeting Minutes Distribution
- B. Sign-In Sheet Distribution
- C. Clarifications

PRE-BID MEETING SIGN-IN SHEET
COLCHESTER TOWN GREEN BICYCLE & PEDESTRIAN IMPROVEMENT PROJECT
COLCHESTER, CONNECTICUT
10:00 AM, SEPTEMBER 1, 2021

NAME	ORGANIZATION	CONTACT INFORMATION
Kevin Grindle	Barton and Loguidice, LLC.	Telephone: 860-633-8770 Ext 3123 Email: kgrindle@bartonandloguidice.com
Natasha Nixon	Barton and Loguidice, LLC.	Telephone: 860-633-8770 Ext 3144 Email: nnixon@bartonandloguidice.com
Matt Bordeaux	Town of Colchester	Telephone: 860 537-7282 Email: planner@colchesterct.gov
Brian Gombotz	H.E. BUTLER CONST. Co.	Telephone: 860-342-3880 Email: HEBUTLERCONSTRUCTION.COM
Cathy Jensen	B+W Paving	Telephone: 860-572-9942 Email: betty@bandwpaving.com
SCOTT DONOVAN	G DONOVAN ASSOC, INC	Telephone: 860-642-0706- Email: SCOTT@gdonovan.com bonnie@gdonovan.com

NAME	ORGANIZATION	CONTACT INFORMATION
Carmine Colosanto	Colossale Concrete Inc.	Telephone: 860-223-3179 Email: estimating@ColossaleSiteworks.com
Dylan Leitao	Zlotnic Construction	Telephone: 860 327-2746 Email: DLeitao@ZlotnicConstruction.com
SAL TASSONE	Town of Colchester	Telephone: 860 - 537 - 728 / Email: stassone@colchesterct.gov
Andrew Tomerchio	Wiese Construction LLC	Telephone: 860 889 4973 Email: mcl@wiese-construction.com Andrew@wiese-construction.com
Greg Gregliotti	Town of Colchester	Telephone: (860) 537-7283 Email: ggregliotti@colchesterct.gov
Jessica Dockal	The Nunes Companies, Inc.	Telephone: 413-426-3895 Email: jessica@nunescompanies.com
Chad Beane	Mattern Construction	Telephone: 860 8228457 ext 17 Email: chadb@matternconstruction.com
Mike Previti	Town of Colchester	Telephone: 860-235-1033 Email: MPreviti@Colchesterct.gov

**Minimum Rates and Classifications for
Heavy/Highway Construction**

ID#: 21-26316

**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: Colchester

Project Town: Colchester

State#: Colchester

FAP#: Colchester

Project: Colchester Town Green Bicycle and Pedestrian Improvement Project (Colchester)

CLASSIFICATION	Hourly Rate	Benefits
1) Boilermaker	33.79	34% + 8.96
1a) Bricklayer, Cement Masons, Cement Finishers, Plasterers, Stone Masons	36.45	34.44
2) Carpenters, Piledrivermen	35.57	25.65
2a) Diver Tenders	35.57	25.65
3) Divers	44.03	25.65
03a) Millwrights	35.64	26.49
4) Painters: (Bridge Construction) Brush, Roller, Blasting (Sand, Water, etc.), Spray	53.9	22.90
4a) Painters: Brush and Roller	36.42	22.90
4b) Painters: Spray Only	39.42	22.90
4c) Painters: Steel Only	38.42	22.90
4d) Painters: Blast and Spray	39.42	22.90
4e) Painters: Tanks, Tower and Swing	38.42	22.90

Project: Colchester Town Green Bicycle and Pedestrian Improvement Project (Colchester)

5) Electrician (Trade License required: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	40.75	30.47+3% of gross wage
6) Ironworkers: Ornamental, Reinforcing, Structural, and Precast Concrete Erection	38.17	38.02 + a
7) Plumbers (Trade License required: (P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2) and Pipefitters (Including HVAC Work) (Trade 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)	45.83	33.50
----LABORERS-----		
8) Group 1: Laborer (Unskilled), Common or General, acetylene burner, concrete specialist	31.5	23.25
9) Group 2: Chain saw operators, fence and guard rail erectors, pneumatic tool operators, powdermen	31.75	23.25
10) Group 3: Pipelayers	32.0	23.25
11) Group 4: Jackhammer/Pavement breaker (handheld); mason tenders (cement/concrete), catch basin builders, asphalt rakers, air track operators, block paver, curb setter and forklift operators	32.0	23.25
12) Group 5: Toxic waste removal (non-mechanical systems)	33.5	23.25
13) Group 6: Blasters	33.25	23.25
Group 7: Asbestos/lead removal, non-mechanical systems (does not include leaded joint pipe)	32.5	23.25
Group 8: Traffic control signalmen	18.0	23.25
Group 9: Hydraulic Drills	32.25	23.25
----LABORERS (TUNNEL CONSTRUCTION, FREE AIR). Shield Drive and Liner Plate Tunnels in Free Air.----		
13a) Miners, Motormen, Mucking Machine Operators, Nozzle Men, Grout Men, Shaft & Tunnel Steel & Rodmen, Shield & Erector, Arm Operator, Cable Tenders	33.73	23.25 + a
13b) Brakemen, Trackmen	32.76	23.25 + a
----CLEANING, CONCRETE AND CAULKING TUNNEL----		

14) Concrete Workers, Form Movers, and Strippers	32.76	23.25 + a
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15) Form Erectors	33.09	23.25 + a
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----ROCK SHAFT LINING, CONCRETE, LINING OF SAME AND TUNNEL IN
FREE AIR:----

16) Brakemen, Trackmen, Tunnel Laborers, Shaft Laborers	32.76	23.25 + a
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17) Laborers Topside, Cage Tenders, Bellman	32.65	23.25 + a
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18) Miners	33.73	23.25 + a
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----TUNNELS, CAISSON AND CYLINDER WORK IN COMPRESSED AIR: ----

18a) Blaster	40.22	23.25 + a
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19) Brakemen, Trackmen, Groutman, Laborers, Outside Lock Tender, Gauge Tenders	40.02	23.25 + a
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20) Change House Attendants, Powder Watchmen, Top on Iron Bolts	38.04	23.25 + a
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21) Mucking Machine Operator	40.81	23.25 + a
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----TRUCK DRIVERS----(*see note below)

Two axle trucks	30.16	27.16 + a
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Three axle trucks; two axle ready mix	30.27	27.16 + a
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Three axle ready mix	30.33	27.16 + a
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Four axle trucks, heavy duty trailer (up to 40 tons)	30.39	27.16 + a
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Four axle ready-mix	30.44	27.16 + a
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Heavy duty trailer (40 tons and over)	30.66	27.16 + a
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Specialized earth moving equipment other than conventional type on-the road trucks and semi-trailer (including Euclids)	30.44	27.16 + a
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----POWER EQUIPMENT 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. & Over, Tunnel Boring Machines. (Trade License Required)	43.88	25.80 + a
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)	43.53	25.80 + a
Group 3: Excavator/Backhoe under 2 cubic yards; 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 of operation), Rubber Tire Excavator (Drott-1085 or similar); Grader Operator; Bulldozer Fine Grade (slopes, shaping, laser or GPS, etc.). (Trade License Required)	42.72	25.80 + a
Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper)	42.3	25.80 + a
Group 5: Specialty Railroad Equipment; Asphalt Paver; Asphalt Spreader; 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	41.65	25.80 + a
Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	41.65	25.80 + a
Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	41.31	25.80 + a
Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24	40.94	25.80 + a
Group 8: Mechanic, Grease Truck Operator, Hydroblaster, Barrier Mover, Power Stone Spreader; Welder; Work Boat under 26 ft.; Transfer Machine.	40.51	25.80 + a
Group 9: Front End Loader (under 3 cubic yards), Skid Steer Loader regardless of attachments (Bobcat or Similar); Fork Lift, Power Chipper; Landscape Equipment (including hydroseeder).	40.04	25.80 + a
Group 10: Vibratory Hammer, Ice Machine, Diesel and Air Hammer, etc.	37.81	25.80 + a
Group 11: Conveyor, Earth Roller; Power Pavement Breaker (whiphammer), Robot Demolition Equipment.	37.81	25.80 + a
Group 12: Wellpoint Operator.	37.74	25.80 + a

Project: Colchester Town Green Bicycle and Pedestrian Improvement Project (Colchester)

Group 13: Compressor Battery Operator.	37.11	25.80 + a
Group 14: Elevator Operator; Tow Motor Operator (Solid Tire No Rough Terrain).	35.87	25.80 + a
Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	35.43	25.80 + a
Group 16: Maintenance Engineer/Oiler	34.72	25.80 + a
Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	39.42	25.80 + a
Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (minimum for any job requiring CDL license).	36.77	25.80 + a

****NOTE: SEE BELOW**

----LINE CONSTRUCTION----(Railroad Construction and Maintenance)---

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20) Lineman, Cable Splicer, Technician	48.19	6.5% + 22.00
21) Heavy Equipment Operator	42.26	6.5% + 19.88
22) Equipment Operator, Tractor Trailer Driver, Material Men	40.96	6.5% + 19.21
23) Driver Groundmen	26.5	6.5% + 9.00
23a) Truck Driver	40.96	6.5% + 17.76

----LINE CONSTRUCTION----

24) Driver Groundmen	30.92	6.5% + 9.70
25) Groundmen	22.67	6.5% + 6.20
26) Heavy Equipment Operators	37.1	6.5% + 10.70
27) Linemen, Cable Splicers, Dynamite Men	41.22	6.5% + 12.20

As of: September 3, 2021

28) Material Men, Tractor Trailer Drivers, Equipment Operators	35.04	6.5% + 10.45
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Project: Colchester Town Green Bicycle and Pedestrian Improvement Project (Colchester)

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.

--Connecticut General Statute Section 31-55a: Annual Adjustments to wage rates by contractors doing

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. 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.

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.

As of: September 3, 2021

Project: Colchester Town Green Bicycle and Pedestrian Improvement Project (Colchester)

~~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.

Important Information:

For use with Building, Heavy/Highway, and Residential

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 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.

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 one apprentice in a specific trade.

Connecticut General Statute Section 31-55a: Annual Adjustments to wage rates by contractors doing state work

- 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.ctdol.state.ct.us.
- 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.

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 Persons 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.

PROJECT SIGNS FOR COMMUNITY CONNECTIVITY GRANT FUNDED PROJECTS

Project Sign Requirements:

SIGN PANEL: Signs should be made from suitable materials to perform effectively for a minimum of 3 years. Example of allowable materials include ¾" MDO-EXT-APA Plywood or 0.125-gauge sheet aluminum. The following types of materials shall not be used: mesh, non-rigid, roll-up, corrugated or waffle board types substrates, foam core and composite aluminum sign substrates.

Suitable attachments shall be provided so that the signs can be firmly attached to the sign supports without causing damage to the signs.

Signs may be painted or use non-reflective plastic sheeting. Paint shall be extremely durable, high quality, semi-gloss enamel resistant to air, sun and water. Non-reflective plastic sheeting shall be permanently adhered to the backing. The material shall withstand 3 years' vertical, south-facing exterior exposure.

COLORS: All letters and symbols shall be blue code #0000FF, rgb (0, 0, 255), pantone 294, or approved equal. Background shall be white code #FFFFFF, rgb (255, 255, 255), or approved equal. If plywood is used for the sign panel, the back of the panel shall be painted matte black.

TYPEFACE: Helvetica Medium

SIGN SUPPORT: Sign panels shall be attached to vertical sign support posts. All sign supports shall have breakaway features that meet AASHTO requirements contained in the current "Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals". The breakaway features shall be structurally adequate to carry the sign panel at 60-mph wind loading. Installation shall be in accordance with the manufacturer's recommendations. A minimum 2-ft embedment depth below the ground line is required.

LOCATION: The signs SHALL be installed parallel to the travelway, so they are NOT easily viewable by drivers, as the signs are not MUTCD compliant and not intended to be roadway signs.

The lateral offset from the edge of road to the face of sign should be 6-12 feet. 12 feet is preferred where space is available for installation. When installed on a trail, the lateral offset should be 2 feet.

The bottom of the sign should be mounted 7 feet above the edge of road.

DURATION: The signs shall be erected for the life of the construction project. This means that they should be erected only after Notice to Proceed has been given to the contractor and should be removed with all other construction related signs at the end of the project considered to be the point that acceptance of the construction work is given.

