



375 Essjay Road, Suite 200, Williamsville, New York 14221  
P 716.688.0766 F 716.625.6825

**ADDENDUM NO. 1**

GBT Water Pavement Repair  
GBT IFB 2020-02

**DATE**

06/11/2020

**OWNER**

Greater Bridgeport Transit (GBT)  
One Cross Street  
Bridgeport, CT 06610

**ARCHITECT/ENGINEER**

Wendel Architecture, P.C.  
375 Essjay Road  
Suite 200  
Williamsville, NY 14221  
Phone: 716-688-0766  
Fax: 716-625-6825

Project No. 442113

**This Addendum is being issued to clarify the bid documents and shall supersede and supplement all portions of previously issued bid documents with which it conflicts. It shall be made an integral part of the construction documents.**



375 Essjay Road, Suite 200, Williamsville, New York 14221  
P 716.688.0766 F 716.625.6825

Project Greater Bridgeport Transit  
Pavement Repairs, 710 Water Street  
Wendel Project No. 442113

Addendum No. 01  
Contract \_\_\_\_\_  
Date 06/11/2020

ARTICLE - 1

DRAWING NO. \_\_\_\_\_  
SPEC \_\_\_\_\_  
SECTION \_\_\_\_\_

**ADDITIONAL INFORMATION:** Pre-Bid Meeting discussed Agenda and record of attendance are attached as part of this addendum.

ARTICLE - 2

DRAWING NO. \_\_\_\_\_  
SPEC \_\_\_\_\_  
SECTION Prevailing Wages

**REMOVE:**  
Minimum Rates and Classifications (Prevailing Wages) dated February 13, 2020 (8 pages).

**REPLACE WITH:**  
Minimum Rates and Classifications for Heavy/Highway Construction (Prevailing Wages) dated June 1, 2020 (8 pages).

ARTICLE - 3

DRAWING NO. \_\_\_\_\_  
SPEC \_\_\_\_\_  
SECTION 024119

**QUESTION**  
Are there any hazardous materials on site?

**ANSWER:**  
The project area was capped, and it is important not to over excavate so as not to disturb underlying materials.



375 Essjay Road, Suite 200, Williamsville, New York 14221  
P 716.688.0766 F 716.625.6825

Project Greater Bridgeport Transit  
Pavement Repairs, 710 Water Street  
Wendel Project No. 442113

Addendum No. 01  
Contract \_\_\_\_\_  
Date 06/11/2020

ARTICLE - 4

DRAWING NO. \_\_\_\_\_  
SPEC SECTION 011000

**QUESTION**

Will concrete break testing be required before buses are allowed to return to the new pads?

**ANSWER:**

Yes. In accordance with Paragraph 1.7.B of Section 011000, Contractor shall be permitted to perform work on a maximum of two bus bays at a time. Until the Owner has recaptured those two bays, no further concrete work is allowed. Recapturing the bays requires the concrete to have cured sufficiently to support the weight of the bus, which cannot be determined until cylinders have been tested by breaking. It is anticipated that high early strength concrete will need to be utilized.

ARTICLE - 5

DRAWING NO. C-2  
SPEC SECTION \_\_\_\_\_

**QUESTION**

How many bus pads are there?

**ANSWER:**

A total of seventeen (17).

ARTICLE - 6

DRAWING NO. \_\_\_\_\_  
SPEC SECTION 011000

**QUESTION**

What are the traffic levels at night?

**ANSWER:**

There is a steady stream of buses Monday through Saturday, generally between 5:30 AM and 11:00 PM and Sunday generally between 6:00 AM and 9:00 PM.



375 Essjay Road, Suite 200, Williamsville, New York 14221  
P 716.688.0766 F 716.625.6825

Project Greater Bridgeport Transit  
Pavement Repairs, 710 Water Street  
Wendel Project No. 442113

Addendum No. 01  
Contract \_\_\_\_\_  
Date 06/11/2020

ARTICLE - 7

DRAWING NO. \_\_\_\_\_  
SPEC SECTION 011000

**QUESTION**

What is your cost estimate?

**ANSWER:**

That information will not be disclosed.

ARTICLE - 8

DRAWING NO. \_\_\_\_\_  
SPEC SECTION 011000

**QUESTION**

Will milling work be allowed to be done in phases?

**ANSWER:**

Milling may be allowed in phases, subject to GBT's approval of an operational plan. GBT will work with the contractor to develop a suitable operational plan. GBT could, for example, operate outside of the 710 Water St. bus station on a Sunday, to allow the contractor to mill the entire site on that same Sunday.

ARTICLE - 9

DRAWING NO. \_\_\_\_\_  
SPEC SECTION 321215

**QUESTION**

Do we adhere to DOT paving Specs?

**ANSWER:**

Follow requirements established in specifications. The project is not subject to DOT requirements, other than those established in the Documents.



375 Essjay Road, Suite 200, Williamsville, New York 14221  
P 716.688.0766 F 716.625.6825

Project Greater Bridgeport Transit  
Pavement Repairs, 710 Water Street  
Wendel Project No. 442113

Addendum No. 01  
Contract \_\_\_\_\_  
Date 06/11/2020

ARTICLE - 10

DRAWING NO. \_\_\_\_\_  
SPEC SECTION 011000

**QUESTION**

What is the expectation for bus access when the site is repaved?

**ANSWER:**

GBT will work with the contractor to develop a suitable operational plan. GBT could, for example, operate outside of the 710 Water St. bus station on a Sunday, to allow the contractor to pave the entire site on that same Sunday.

ARTICLE - 11

DRAWING NO. \_\_\_\_\_  
SPEC SECTION 011000

**QUESTION**

Is there access to water and electricity at the 710 Water Street location?

**ANSWER:**

There is no water access available on the platforms themselves. There is water access in the area of the north entrance of the building, which, for example, could be used to fill a water tank.

Running hoses from the building to the platforms will not be permitted.

There is a single 110-volt electrical outlet available in the area of bus bay B2, which is secured inside of a cabinet. Access may be granted by GBT's Facility Manager's at his discretion.

ARTICLE - 12

DRAWING NO. \_\_\_\_\_  
SPEC SECTION 0330550

**QUESTION**

Who is responsible for the cost of testing?

**ANSWER:**

The Contractor is, see items 13 to 18 below.



Project Greater Bridgeport Transit  
Pavement Repairs, 710 Water Street  
Wendel Project No. 442113

Addendum No. 01  
Contract \_\_\_\_\_  
Date 06/11/2020

ARTICLE - 13

DRAWING NO. \_\_\_\_\_

SPEC SECTION 033055

**REMOVE:**

1.07.A "The Owner may employ an independent testing laboratory to inspect and test concrete paving and other cast-in-place concrete work."

1.07. A and B, without substitution.

**REPLACE WITH:**

1.07.A "Contractor shall employ a testing laboratory to inspect and test concrete paving and other cast-in-place concrete work in accordance with the testing procedure described in attached document 033000T Concrete Testing."

ARTICLE - 14

DRAWING NO. \_\_\_\_\_

SPEC SECTION 31000

**REMOVE:**

1.05.A "The Owner may retain and pay for the services of an independent testing and inspection firm and/or a Geotechnical Consultant to perform on-site observation and testing during the various phases of the construction operations. The scope of services will be determined by the Owner and the independent testing and inspection firm and/or the Geotechnical Consultant, and results will be provided to the Contractor. The Owner reserves the right to modify or waive the services of the independent testing and inspection firm and/or the Geotechnical Consultant. The services of an independent testing firm and/or Geotechnical Consultant may include, but not necessarily be limited to, the following:"

**REPLACE WITH:**

1.05.A "Contractor shall retain and pay for the services of an independent testing and inspection firm and/or a Geotechnical Consultant to perform on-site observation and testing during the various phases of the construction operations. The services of the independent testing firm and/or Geotechnical Consultant shall include the following:

Testing agency will test compaction of soils in place according to ASTM D 1556, ASTM D 2167, ASTM D 2922, and ASTM D 2937, as applicable. Tests will be performed at the following locations and frequencies:

1. Paved Areas: At subgrade and at each compacted fill and backfill layer, at least one test for every 2000 sq. ft. or less of paved area, but in no case fewer than three tests.
2. When testing agency reports that subgrades, fills, or backfills have not achieved degree of compaction specified, scarify and moisten or aerate, or remove and replace soil materials to depth required; recompact and retest until specified compaction is obtained."



Project Greater Bridgeport Transit  
Pavement Repairs, 710 Water Street  
Wendel Project No. 442113

Addendum No. 01  
Contract \_\_\_\_\_  
Date 06/11/2020

ARTICLE - 15

DRAWING NO. \_\_\_\_\_

SPEC SECTION 321215

**REMOVE:**

3.06.A "Independent Testing Laboratory, selected and paid for by the Owner, may be retained to perform construction testing of in-place HMA courses for compliance with requirements for density, thickness and surface smoothness. Top and base courses will be randomly cored by the testing laboratory technicians at a minimum rate of three cores for every course and construction phase or 40,000 square feet of paving, however, no less than three cores in light duty areas and three cores in heavy duty areas will be obtained."

**REPLACE WITH:**

3.06.A "Independent Testing Laboratory, paid for by the Contractor, will be retained to perform construction testing of in-place HMA courses for compliance with requirements for density, thickness and surface smoothness. Top and base courses will be randomly cored by the testing laboratory technicians at a minimum rate of three cores for every course and construction phase or 40,000 square feet of paving, however, no less than three cores in light duty areas and three cores in heavy duty areas will be obtained."

ARTICLE - 16

DRAWING NO. \_\_\_\_\_

SPEC SECTION 321215

**REMOVE:**

3.07.A.2.a and b "Mat Compaction: The lot size shall be the total quantity of each course placed per construction phase or per 200,000 square feet maximum of construction. Three, 6-inch diameter cores of finished, compacted material shall be taken by the Owner or the Owner's representative from each course and each lot, or partial lot. Core locations will be determined by the Owner on a random basis. Cores shall not be taken closer than 1 foot (0.3 meters) from a longitudinal joint and 10 feet (3.0 meters) from a transverse joint.

Joint Compaction: The lot size shall be the total length of longitudinal joints constructed by a material course placed per lot of construction. Three (3) cores of finished, compacted materials shall be taken by the Owner or the Owner's Representative from each course and each lot, or partial lot. Core locations will be determined by the Owner on a random basis and be located directly over the joint, not adjacent to the joint."

**REPLACE WITH:**

3.07.A.2.a "Mat Compaction: The lot size shall be the total quantity of each course placed per construction phase or per 200,000 square feet maximum of construction. Three, 6-inch diameter cores of finished, compacted material shall be taken by Contractor from each course and each lot, or partial lot. Core locations will be determined by the Owner on a random basis. Cores shall not be taken closer than 1 foot from a longitudinal joint and 10 feet (3.0 meters) from a transverse joint."



375 Essjay Road, Suite 200, Williamsville, New York 14221  
P 716.688.0766 F 716.625.6825

Project Greater Bridgeport Transit  
Pavement Repairs, 710 Water Street  
Wendel Project No. 442113

Addendum No. 01  
Contract \_\_\_\_\_  
Date 06/11/2020

ARTICLE - 17

DRAWING NO. \_\_\_\_\_  
SPEC SECTION 321215

**REMOVE:**

3.07.A.2.c "Sampling: Samples shall be neatly cut with a core drill. The cutting edge of the core drill bit shall be of hardened steel or other suitable material with diamond chips embedded in the metal cutting edge. The minimum diameter of the sample shall be 6 inches (152.4 mm). Samples that are clearly defective, as a result of sampling, shall be discarded and another sample taken. The Owner or the Owner's Representative shall furnish all tools, labor, and materials for cutting samples and filling the cored pavement. Cored holes shall be filled in a manner acceptable to the Owner and within one day after sampling."

**REPLACE WITH:**

3.07.A.2.c "Sampling: Samples shall be neatly cut with a core drill. The cutting edge of the core drill bit shall be of hardened steel or other suitable material with diamond chips embedded in the metal cutting edge. The minimum diameter of the sample shall be 6 inches (152.4 mm). Samples that are clearly defective, as a result of sampling, shall be discarded and another sample taken. The Contractor shall furnish all tools, labor, and materials for cutting samples and filling the cored pavement. Cored holes shall be filled in a manner acceptable to the Owner and within one day after sampling."

ARTICLE - 18

DRAWING NO. \_\_\_\_\_  
SPEC SECTION 321215

**ADD:**

3.08.B "The Contractor shall be required to pay for all of the Owner's sampling and testing costs if any deficiencies of the hot mix asphalt are identified."





Greater Bridgeport Transit Authority (GBT)  
**Water Street Pavement Repair Project**  
Invitation for Bid (IFB)  
No. GBT-IFB-2020-02

## **PRE-BID MEETING AGENDA**

Date: 06/08/20

Time: 2:00pm

Place: 710 Water Street, Bridgeport, CT

### **TOPICS FOR DISCUSSION**

1. Welcome and Introductions.
2. Sign-in Sheet.
3. Purpose of Pre-Bid Meeting.
4. Review of Important Dates:
  - a. Bid opening: GBT office at 1 CROSS STREET BRIDGEPORT, CT until 12:00 p.m. local time on Monday, June 29, 2020
  - b. Last date for RFIs June 15 at 12:00 PM.
  - c. Time for Completion: 120 calendar days.
5. Information for Bid
  - a. Onsite Work Hours
  - b. Limit of two bays at any given time
6. Required Submittals at Bid Time (Clauses)
  - a. Return all required forms with Bid, including State of CT and Federal forms.
  - b. State of CT Clauses – Bidders should utilize the link, provided within the Project Manual, for the State of CT Clauses, not the physical clauses in the project manual itself.
7. System of Award Management (SAM)
8. DBE, SBE Participation 5.86%
9. Amendments/Addenda



10. Other Requirements:
  - a. Bid security requirements. 5% of Bid.
  - b. Breakdown required in Bid Form.
  - c. Unit Prices required in Bid Form.
  - d. Performance & Payment Bond requirements in Project Manual.
  - e. Insurance requirements in Supplementary Instructions to Bidders.
  - f. Presence of hazardous materials.
  - g. Minimum Wage Rates. In Manual, update will be in Addendum 1.
  - h. State Sales Taxes. Exempt.
  - i. Permits through City of Bridgeport.
11. Questions:
  - a. All significant answers will be followed up by Addendum.
12. Site Visit.



**GREATER BRIDGEPORT TRANSIT  
Water Street Pavement Repair  
Project Number: GBT IFB 2020-02  
Pre-Bid Attendance Sheet**

Due to the Covid19 Pandemic the normal attendance sheet (which is typically passed around) was not utilized for this meeting. The following companies were in attendance;

Star Construction Corp

O & G

Grasso Companies

G. Pic & Sons

Nac Industries

Holzner Construction

Center Earth

Re-Tech

Also in attendance were

Michael Petrin (VHB)

Denis Rioux (Wendel)

Steven DeMichele, Joe Bob Watson, & Ken Secskas (GBT)

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

ID#: 20-13111

**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: GBT IFB-2020-02

Project Town: Bridgeport

State#: GBT IFB-2020-02

FAP#: GBT IFB-2020-02

Project: Pavement Repairs (Greater Bridgeport Transit)

<b>CLASSIFICATION</b>	<b>Hourly Rate</b>	<b>Benefits</b>
1) Boilermaker	33.79	34% + 8.96
1a) Bricklayer, Cement Masons, Cement Finishers, Plasterers, Stone Masons	35.72	33.16
2) Carpenters, Piledrivermen	33.53	25.66
2a) Diver Tenders	33.53	25.66
3) Divers	41.99	25.66
03a) Millwrights	34.94	26.19
4) Painters: (Bridge Construction) Brush, Roller, Blasting (Sand, Water, etc.), Spray	51.0	21.80
4a) Painters: Brush and Roller	34.62	21.80
4b) Painters: Spray Only	36.62	21.80
4c) Painters: Steel Only	35.62	21.80
4d) Painters: Blast and Spray	37.62	21.80
4e) Painters: Tanks, Tower and Swing	36.62	21.80

Project: Pavement Repairs (Greater Bridgeport Transit)

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)	39.62	27.25+3% of gross wage
6) Ironworkers: Ornamental, Reinforcing, Structural, and Precast Concrete Erection	36.67	35.77 + 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)	43.62	32.06
----LABORERS-----		
8) Group 1: Laborer (Unskilled), Common or General, acetylene burner, concrete specialist	31.0	22.15
9) Group 2: Chain saw operators, fence and guard rail erectors, pneumatic tool operators, powdermen	31.25	22.15
10) Group 3: Pipelayers	31.5	22.15
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	31.5	22.15
12) Group 5: Toxic waste removal (non-mechanical systems)	33.0	22.15
13) Group 6: Blasters	32.75	22.15
Group 7: Asbestos/lead removal, non-mechanical systems (does not include leaded joint pipe)	32.0	22.15
Group 8: Traffic control signalmen	18.0	22.15
Group 9: Hydraulic Drills	29.3	18.90
----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	33.23	22.15 + a
13b) Brakemen, Trackmen	32.26	22.15 + a
----CLEANING, CONCRETE AND CAULKING TUNNEL----		

As of: June 1, 2020

Project: Pavement Repairs (Greater Bridgeport Transit)

14) Concrete Workers, Form Movers, and Strippers	32.26	22.15 + a
15) Form Erectors	32.59	22.15 + a
----ROCK SHAFT LINING, CONCRETE, LINING OF SAME AND TUNNEL IN FREE AIR:----		
16) Brakemen, Trackmen, Tunnel Laborers, Shaft Laborers	32.26	22.15 + a
17) Laborers Topside, Cage Tenders, Bellman	32.15	22.15 + a
18) Miners	33.23	22.15 + a
----TUNNELS, CAISSON AND CYLINDER WORK IN COMPRESSED AIR: ----		
18a) Blaster	39.72	22.15 + a
19) Brakemen, Trackmen, Groutman, Laborers, Outside Lock Tender, Gauge Tenders	39.52	22.15 + a
20) Change House Attendants, Powder Watchmen, Top on Iron Bolts	37.54	22.15 + a
21) Mucking Machine Operator	40.31	22.15 + a
----TRUCK DRIVERS----(*see note below)		
Two axle trucks	29.86	25.79 + a
Three axle trucks; two axle ready mix	29.97	25.79 + a
Three axle ready mix	30.03	25.79 + a
Four axle trucks, heavy duty trailer (up to 40 tons)	30.08	25.79 + a
Four axle ready-mix	30.13	25.79 + a
Heavy duty trailer (40 tons and over)	30.35	25.79 + a

As of: June 1, 2020

Project: Pavement Repairs (Greater Bridgeport Transit)

Specialized earth moving equipment other than conventional type on-the road trucks and semi-trailer (including Euclids)	30.13	25.79 + a
---	-------	-----------

---

----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)	42.45	25.30 + 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)	42.11	25.30 + 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)	41.32	25.30 + a
---	-------	-----------

Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper)	40.91	25.30 + 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	40.28	25.30 + a
---	-------	-----------

Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	40.28	25.30 + a
--	-------	-----------

Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	39.95	25.30 + a
---	-------	-----------

Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24	39.59	25.30 + a
--	-------	-----------

Group 8: Mechanic, Grease Truck Operator, Hydroblaster, Barrier Mover, Power Stone Spreader; Welder; Work Boat under 26 ft.; Transfer Machine.	39.17	25.30 + 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).	38.71	25.30 + a
--	-------	-----------

Group 10: Vibratory Hammer, Ice Machine, Diesel and Air Hammer, etc.	36.54	25.30 + a
--	-------	-----------

Group 11: Conveyor, Earth Roller; Power Pavement Breaker (whiphammer), Robot Demolition Equipment.	36.54	25.30 + a
--	-------	-----------

Group 12: Wellpoint Operator.	36.48	25.30 + a
-------------------------------	-------	-----------

---

As of: June 1, 2020

Project: Pavement Repairs (Greater Bridgeport Transit)

Group 13: Compressor Battery Operator. 35.86 25.30 + a

Group 14: Elevator Operator; Tow Motor Operator (Solid Tire No Rough Terrain). 34.66 25.30 + a

Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator. 34.23 25.30 + a

Group 16: Maintenance Engineer/Oiler 33.54 25.30 + a

Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator. 38.11 25.30 + a

Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (minimum for any job requiring CDL license). 35.53 25.30 + a

\*\*NOTE: SEE BELOW

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

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: June 1, 2020



Project: Pavement Repairs (Greater Bridgeport Transit)

28) Material Men, Tractor Trailer Drivers, Equipment Operators

35.04

6.5% + 10.45

---

Project: Pavement Repairs (Greater Bridgeport Transit)

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](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.*

*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:** June 1, 2020

Project: Pavement Repairs (Greater Bridgeport Transit)

**~~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.

**As of:** June 1, 2020

## SECTION 033000T – CONCRETE TESTING

### 1.1 FIELD QUALITY CONTROL

- A. Testing and Inspecting: Contractor will engage a qualified testing and inspecting agency to perform field tests and inspections and prepare test reports.
1. Steel reinforcement placement.
  2. Verification of use of required design mixture.
  3. Concrete placement, including conveying and depositing.
  4. Curing procedures and maintenance of curing temperature.
- B. Concrete Tests: Testing of composite samples of fresh concrete obtained according to ASTM C 172 shall be performed according to the following requirements:
1. Testing Frequency: Obtain samples from the first three (3) batches at the start of placement for each day's pour of each concrete mixture exceeding 5 cu. yd., plus one (1) set for each additional 50 cu. yd. or fraction thereof.
    - a. Should any portion of required testing and/or batch time not meet specified requirements, the concrete batch in question shall be rejected. Testing shall then be performed until three (3) consecutive batches of concrete meets all specified requirements, including batch time. Testing shall return to the specified frequency only when all testing requirements have been satisfied for three (3) consecutive batches of concrete.
      - 1) All appropriate parties shall be notified immediately of each failed test.
      - 2) Additional testing required due to concrete not meeting specified requirements shall be performed at contractor's expense.
    - b. When frequency of testing will provide fewer than five (5) composite samples of each concrete mixture, testing shall be conducted from at least five (5) randomly selected batches or from each batch if fewer than five (5) are used.
  2. Slump: ASTM C 143; one test at point of placement for each composite sample, but not less than one test for each day's pour of each concrete mixture. Perform additional tests when concrete consistency appears to change.
  3. Air Content: ASTM C 231, pressure method, for normal-weight concrete; one test for each composite sample, but not less than one test for each day's pour of each concrete mixture.
  4. Concrete Temperature: ASTM C 1064; one test hourly when air temperature is 40 deg F and below and when 80 deg F and above, and one test for each composite sample.
  5. Compression Test Specimens: ASTM C 31. Cast and laboratory cure one set of four standard cylinder specimens for each composite sample.
  6. Compressive-Strength Tests: ASTM C 39; for each set, test one specimen at 7 days, two specimens at 28 days, and hold one specimen in reserve for later testing if required.

7. When strength of field-cured cylinders is less than 85 percent of companion laboratory-cured cylinders, Contractor shall evaluate operations and provide corrective procedures for protecting and curing in-place concrete.
8. Strength of each concrete mixture will be satisfactory if every average of any three consecutive compressive-strength tests equals or exceeds specified compressive strength and no compressive-strength test value falls below specified compressive strength by more than 500 psi.
9. Test results shall be reported in writing to Architect, concrete manufacturer, and Contractor within 48 hours of testing. Reports of compressive-strength tests shall contain Project identification name and number, date of concrete placement, name of concrete testing and inspecting agency, location of concrete batch in Work, design compressive strength at 28 days, concrete mixture proportions and materials, compressive breaking strength, and type of break for both 7- and 28-day tests.
10. Additional Tests: Testing and inspecting agency shall make additional tests of concrete when test results indicate that slump, air entrainment, compressive strengths, or other requirements have not been met, as directed by Architect. Testing and inspecting agency may conduct tests to determine adequacy of concrete by cored cylinders complying with ASTM C 42 or by other methods as directed by Architect.
11. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.
12. Correct deficiencies in the Work that test reports and inspections indicate do not comply with the Contract Documents.

END OF SECTION 033000T