



ADDENDUM NO. 1

Greater New Haven Water Pollution Control Authority

24-inches Quinnipiac Interceptor – CIPP Lining Rehabilitation Project No. SSR 2018-02

TO: ALL PLAN HOLDERS
DATE: March 2, 2018

This addendum shall be attached to the Contract Documents of Project No. SSR 2018-02. Each bidder shall acknowledge receipt of this Addendum by entering the Addendum number and date received in the space provided in Section §102-20 Itemized Proposal.

The Specifications and Contract Documents are hereby modified as follows:

1. Modification to Section §102-20 Itemized Proposal

Replace Schedule of Bid Items with the enclosed pages (Attachment 1A). The length of 24" sewers to be rehabilitated has been decreased based on current conditions along the easement area.

2. Modifications to Appendix B. Prevailing Wage Rates

Project SSR 2018-02 Prevailing Wage Rates are enclosed (Attachment 1B).

3. Modifications to Appendix C. Schedule of Sewers to be Rehabilitated

Replace existing schedule with the enclosed schedule revised 3/1/2018 (Attachment 1C).

4. Modifications to Appendix D. Contract Drawings

Sheets No. 1, 2 and 3 have been reissued to correct the project name. See enclosed drawings (Attachment 1D). Sheet No. 4 has been deleted from the project. Bid quantities have been updated to reflect this change.

Project No. SSR 2018-02 provided for questions or requests for clarification to be received in writing by the Authority through March 1, 2018 at 12:00 PM. The following is provided in response to questions received.

Questions submitted by Michael Cronin, Insituform Technologies

1. It appears that all manholes would be accessible except for the large amount of landowner's equipment, materials, etc. (dumpsters, lumber, scrap material, etc.) that is in the way. Will the Owner coordinate access with these property owners?

Response: Yes, the Authority will help the Contractor to coordinate access with these property owners.

2. Is it possible to temporarily close Farren Ave and Fairmont Ave for bypass (2 days) or will burying of discharge pipe be required in this area?

Response: City of New Haven Traffic and Parking Department will have final say on closing roads. It is not common. Bid Item 205 & 407 are estimates to cover the costs of burying bypass pipes on shallow trenches.

3. If bypass discharge piping is kept in/near the easement will the contractor need to bury anywhere to allow landowner access?

Response: Contractor shall plan its bypass to avoid disrupting landowner's operations. Considering the short term of the work Contractor shall coordinate with property owners. If required, Bid Item 205 & 407 are estimates to cover the costs of burying bypass pipes.

4. Is there any special training associated with accessing any private property including, but not limited to the areas associated with the tank farms?

Response: We are not aware of any special training. Contractor should follow their established training requirements and protocols. Contractor will be required to present/obtain a Transportation Worker Identification Credential, also known as TWIC, required by the Maritime Transportation Security Act for workers who need access to secure areas of the nation's maritime facilities. One out of every 4 employees present on the site must have a TWIC card to access these sites. Information on how to obtain the TWIC card and costs can be found at <https://www.tsa.gov/for-industry/twic>.

5. It appears that the tanks farms are federally regulated and will have restrictions about access and fence manipulation which is necessary for bypass pumping will the owner pay for the unknown costs associated with addressing these regulations and access issues?

Response: The Authority will pay for unknown costs associated with addressing these regulations and access issues, subject to prior written notification and approval by the Engineer.

Questions submitted by Bonnie Colby, Layne

1. There is no prevailing wage table in the spec book. Is there an addendum for this?

Response: Yes, Prevailing Wage Rates are included in Attachment 1B.

Questions submitted by Mathew Rhoads, SAK

1. Item 520 Section G on page 173 "The Contractor shall perform a CCTV inspection prior to the end of the three-year period at no additional cost to the Authority"
Measure and Payment "The actual number of linear feet shall only be measured and paid for once and the unit price bid shall include the cost of the pre-insertion, post-insertion and final guarantee television inspections of the sanitary sewer lined with cured-in-place pipe lining."
When will the Authority be releasing 100% of item 522.04, after initial CCTV, post CIPP CCTV, or warranty CCTV? Could the Authority create a separate item for the warranty CCTV? When will final retainage be released?
Response: The Authority pays for Item 522 after post CIPP CCTV is complete. Retainage is released after all project close-out items (not including warranty CCTV) are complete and the Contractor submits the Maintenance Bond.
2. Item 520 Section G on page 173 "Bypass pumping will not be required unless during the inspection it becomes apparent that bypass pumping is necessary."
Would the Authority confirm that the contractor will not need to assume bypass pumping into the cost of warranty CCTV? If bypass is necessary during warranty CCTV with the Authority compensate the contractor?
Response: Yes, the Authority will compensate the Contractor for bypass pumping if bypass is necessary during warranty CCTV.
3. Item 520 Section I Subsection on page 180: Chemical Grouting is incidental to CIPP lining as determined by the engineer. Could an item be added to the contract to compensate for chemical grout as directed? Or will the Authority tell the contractor how much grout to assume in the bid?
Response: Excessive gaps, voids, or cavities as determined by the Engineer are considered a failure by the Contractor and its repair shall be the responsibility of the Contractor at no additional cost to the Authority.
4. Special Specifications and Notes No. 11. Modification of Technical Specifications, item 516 - Sanitary Sewer Flow Control and Bypass Pumping "Contractor shall provide pumps and bypass lines of adequate capacity and size to convey the following design flows" Could a contractor design dry weather only system for 2 MDG or should the system be designed for 4MDG?
Response: Contractor's means and methods should guarantee that the Work will be completed in accordance with the Standard Specifications. The design, installation and operation of the temporary bypass pumping system shall be the Contractor's responsibility.
5. Item 516 Part B #4 page 154 "The Contractor shall provide one hundred percent (100 %) back-up for the bypass pumping system in the event of an equipment failure."
Must the contractor have a backup pump for every pump in the system and a

secondary backup discharge piping or will a (one additional) pump be allowed as redundancy?

Response: Contractor's means and methods should guarantee that the Work will be completed in accordance with the Standard Specifications. The design, installation and operation of the temporary bypass pumping system shall be the Contractor's responsibility.

6. Item 516 Part B #7 page 154 "It is the Contractor's responsibility to maintain lateral service to each customer and/or coordinate limited sanitary sewer use outages with the owner(s) and/or customer(s) at no additional cost to the Authority." If laterals that need bypass do not have cleanout, or other means to bypass the effluent, will the contractor be compensated for installing the necessary asset?

Response: All costs shall be included in the lump sum price for Item 516 Temporary Bypass Pumping Systems. It is the Contractor's responsibility to maintain lateral service to each customer and/or coordinate limited sanitary sewer use outages with the owner(s) and/or customer(s) at no additional cost to the Authority.

Questions submitted by Nate Holmes, Layne

1. Bypass discharge pipe through tank farm properties - Please let us know what direction we should take regarding crossing the tank farm properties?

Response: GNHWPCA has reached out to property owners and they now understand the proposed project; the Authority will have access to their easement during maintenance, construction and rehabilitation of the sanitary sewer interceptor. Bypass discharge pipes will be allowed and GNHWPCA will help the Contractor to coordinate with property owners.

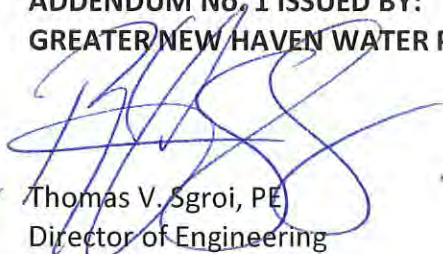
2. Upstream end is surcharged. What is causing this issue? There is also a manhole right beside our most upstream manhole that looks like and over flow? It is not on the plans can you tell us more about this manhole?

Response: The 24" sewer interceptor is very flat. The slope of the pipe segment between manhole NQL04M0398 and manhole NQL05M0399 is 0.00033674 ft/ft. There are no overflow manholes. There are storm manholes/pipes in the area that are not shown on the plans.

- END OF ADDENDUM No. 1 -

**ADDENDUM No. 1 ISSUED BY:
GREATER NEW HAVEN WATER POLLUTION CONTROL AUTHORITY**

for


Thomas V. Sgroi, PE
Director of Engineering

ATTACHMENT 1A



Schedule Of Bid Items

ITEM NUMBER	ESTIMATED QUANTITY	UNIT	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
				DOLLARS	CTS	DOLLARS	CTS
205	30	CY	Cubic Yard Trench Excavation and Backfill For - _____ _____	_____	_____	_____	_____
407	50	SY	Square Yard Bituminous Concrete Trench Repair Class 2, Thickness 4 inches For - _____ _____	_____	_____	_____	_____
516	1	LS	Lump Sum Sanitary Sewer Flow Control and Bypass Pumping For - _____ _____	_____	_____	_____	_____
518.01.4	2748	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 24" RCP For - _____ _____	_____	_____	_____	_____
520.01.4	2748	LF	Linear Foot 24" Sanitary Sewer CIPP Lining For - _____ _____	_____	_____	_____	_____
520.10	10	EA	Each Re-establish House Service Connections For - ONE HUNDRED AND FIFTY DOLLARS ZERO CENTS	\$	150 00	\$	1,500 00
520.11.1	10	EA	Each Cut Protruding (Clay/Plastic/DI/CI/CONCRETE) Taps For - _____ _____	_____	_____	_____	_____
522.04	2748	LF	Linear Foot Sanitary Sewer CCTV Inspection, 24" Sewer For - _____ _____	_____	_____	_____	_____



Schedule Of Bid Items

ITEM NUMBER	ESTIMATED QUANTITY	UNIT	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
				DOLLARS	CTS	DOLLARS	CTS
970.00	1	Est.	Estimate Traffic Men For - Fifty Five Thousand Dollars and No Cents	\$	55,000 . 00	\$	55,000 . 00
971	1	LS	Lump Sum Maintenance and Protection of Traffic For -				
975	1	LS	Lump Sum Mobilization (Max. 3% of Total Cost) For -				

BASE BID
 TOTAL OR GROSS SUM IN WORDS: _____ \$ _____
 _____ IN FIGURES

Signature of Bidder: _____ Dated: _____

Printed Name: _____

Name of Firm: _____

ATTACHMENT 1B

Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

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

ID#: H 24416

**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: SSR 2018-02

Project Town: New Haven

FAP Number:

State Number:

Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

CLASSIFICATION

Hourly Rate

Benefits

01) 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 5 and 7**

1) Boilermaker	33.79	34% + 8.96
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1a) Bricklayer, Cement Masons, Cement Finishers, Plasterers, Stone Masons	33.48	31.66
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2) Carpenters, Piledrivermen	32.60	25.34
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As of: Thursday, February 22, 2018

Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

2a) Diver Tenders	32.60	25.34
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3) Divers	41.06	25.34
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03a) Millwrights	33.14	25.74
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4) Painters: (Bridge Construction) Brush, Roller, Blasting (Sand, Water, etc.), Spray	48.55	20.45
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4a) Painters: Brush and Roller	32.72	20.45
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4b) Painters: Spray Only	35.72	20.45
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4c) Painters: Steel Only	34.72	20.45
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Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

4d) Painters: Blast and Spray 35.72 20.45

4e) Painters: Tanks, Tower and Swing 34.72 20.45

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) 37.50 26.31+3% of gross wage

6) Ironworkers: Ornamental, Reinforcing, Structural, and Precast Concrete Erection 35.47 33.39 + 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) 41.62 30.36

---LABORERS----

8) Group 1: Laborer (Unskilled), Common or General, acetylene burner, concrete specialist 29.25 19.50

Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

9) Group 2: Chain saw operators, fence and guard rail erectors, pneumatic tool operators, powdermen	29.50	19.50
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10) Group 3: Pipelayers	29.75	19.50
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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	29.75	19.50
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12) Group 5: Toxic waste removal (non-mechanical systems)	31.25	19.50
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13) Group 6: Blasters	31.00	19.50
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Group 7: Asbestos/lead removal, non-mechanical systems (does not include leaded joint pipe)	30.25	19.50
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Group 8: Traffic control signalmen	16.00	19.50
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Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

Group 9: Hydraulic Drills	29.30	18.90
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---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	32.22	19.50 + a
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13b) Brakemen, Trackmen	31.28	19.50 + a
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---CLEANING, CONCRETE AND CAULKING TUNNEL---

14) Concrete Workers, Form Movers, and Strippers	31.28	19.50 + a
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15) Form Erectors	31.60	19.50 + a
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Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

---ROCK SHAFT LINING, CONCRETE, LINING OF SAME AND TUNNEL
IN FREE AIR:----

16) Brakemen, Trackmen, Tunnel Laborers, Shaft Laborers	31.28	19.50 + a
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17) Laborers Topside, Cage Tenders, Bellman	31.17	19.50 + a
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18) Miners	32.22	19.50 + a
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---TUNNELS, CAISSON AND CYLINDER WORK IN COMPRESSED
AIR: ----

18a) Blaster	38.53	19.50 + a
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19) Brakemen, Trackmen, Groutman, Laborers, Outside Lock Tender, Gauge Tenders	38.34	19.50 + a
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Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

20) Change House Attendants, Powder Watchmen, Top on Iron Bolts	36.41	19.50 + a
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21) Mucking Machine Operator	39.11	19.50 + a
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---TRUCK DRIVERS---(*see note below)

Two axle trucks	29.13	22.32 + a
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Three axle trucks; two axle ready mix	29.23	22.32 + a
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Three axle ready mix	29.28	22.32 + a
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Four axle trucks, heavy duty trailer (up to 40 tons)	29.33	22.32 + a
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Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

Four axle ready-mix	29.38	22.32 + a
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Heavy duty trailer (40 tons and over)	29.58	22.32 + a
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Specialized earth moving equipment other than conventional type on-the road trucks and semi-trailer (including Euclids)	29.38	22.32 + a
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---POWER EQUIPMENT OPERATORS---		
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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)	39.30	24.05 + 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)	38.98	24.05 + a
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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)	38.24	24.05 + a
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Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper)	37.85	24.05 + a
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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" Mandrell)	37.26	24.05 + a
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Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	37.26	24.05 + a
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Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	36.95	24.05 + a
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Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and Under Mandrel).	36.61	24.05 + a
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Group 8: Mechanic, Grease Truck Operator, Hydroblaster, Barrier Mover, Power Stone Spreader; Welder; Work Boat under 26 ft.; Transfer Machine.	36.21	24.05 + a
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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).	35.78	24.05 + a
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Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

Group 10: Vibratory Hammer, Ice Machine, Diesel and Air Hammer, etc. 33.74 24.05 + a

Group 11: Conveyor, Earth Roller; Power Pavement Breaker (whiphammer), Robot Demolition Equipment. 33.74 24.05 + a

Group 12: Wellpoint Operator. 33.68 24.05 + a

Group 13: Compressor Battery Operator. 33.10 24.05 + a

Group 14: Elevator Operator; Tow Motor Operator (Solid Tire No Rough Terrain). 31.96 24.05 + a

Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator. 31.55 24.05 + a

Group 16: Maintenance Engineer/Oiler 30.90 24.05 + a

Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	35.21	24.05 + a
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Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (minimum for any job requiring CDL license).	32.79	24.05 + a
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**NOTE: SEE BELOW

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

20) Lineman, Cable Splicer, Technician	48.19	6.5% + 22.00
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21) Heavy Equipment Operator	42.26	6.5% + 19.88
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22) Equipment Operator, Tractor Trailer Driver, Material Men	40.96	6.5% + 19.21
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Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

23) Driver Groundmen	26.50	6.5% + 9.00
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23a) Truck Driver	40.96	6.5% + 17.76
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---LINE CONSTRUCTION---

24) Driver Groundmen	30.92	6.5% + 9.70
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25) Groundmen	22.67	6.5% + 6.20
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26) Heavy Equipment Operators	37.10	6.5% + 10.70
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27) Linemen, Cable Splicers, Dynamite Men	41.22	6.5% + 12.20
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Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

28) Material Men, Tractor Trailer Drivers, Equipment Operators

35.04

6.5% + 10.45

As of:

Thursday, February 22, 2018

Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

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 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.ct.gov/dol.

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.

Project: 24" Quinnipiac Interceptor CIPP Lining Rehabilitation

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.

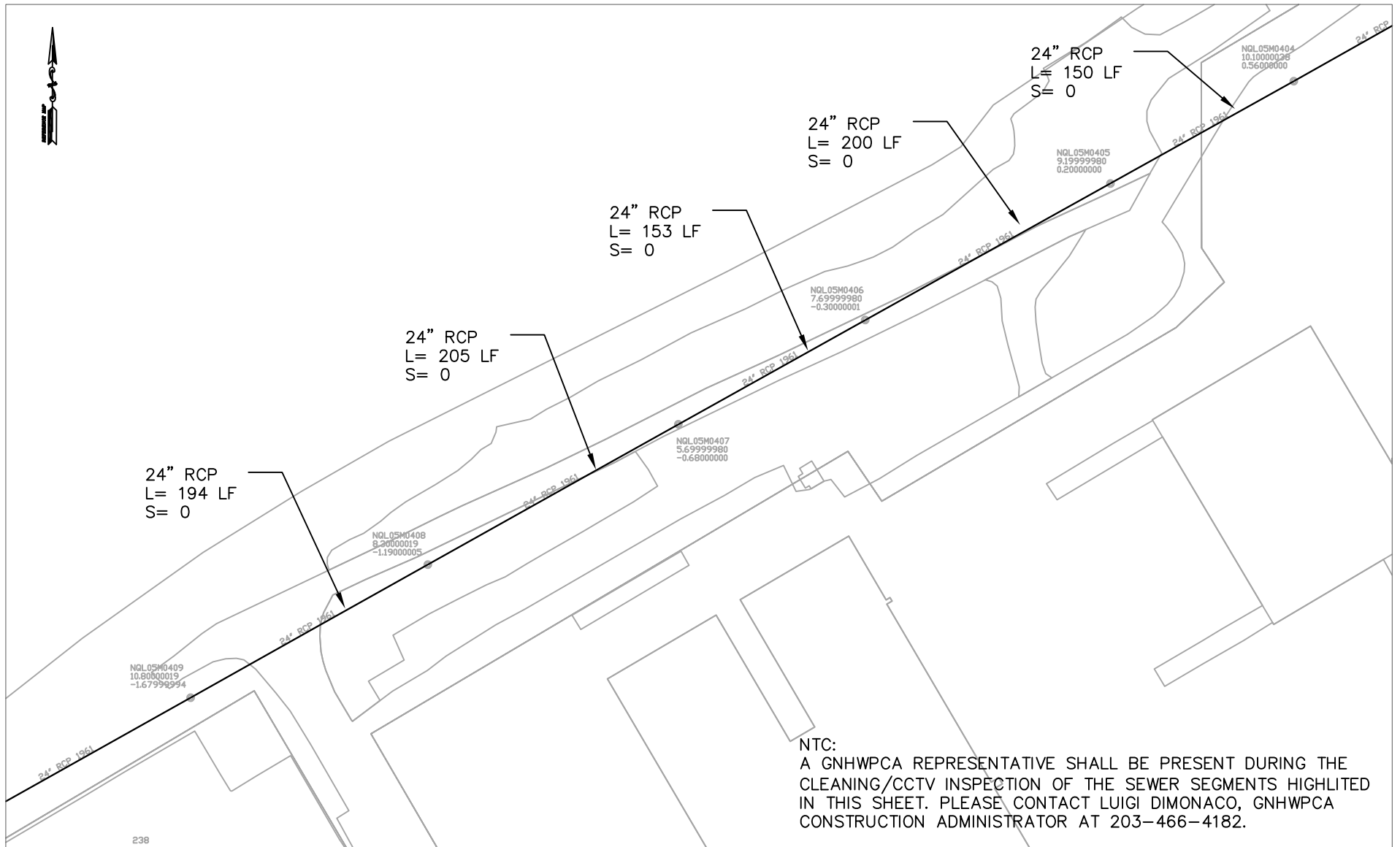
~~Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clause (29 CFR 5.5 (a) (1) (ii)).

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.

As of: Thursday, February 22, 2018

ATTACHMENT 1C

ATTACHMENT 1D



NTC:
 A GNHWPCA REPRESENTATIVE SHALL BE PRESENT DURING THE CLEANING/CCTV INSPECTION OF THE SEWER SEGMENTS HIGHLIGHTED IN THIS SHEET. PLEASE CONTACT LUIGI DIMONACO, GNHWPCA CONSTRUCTION ADMINISTRATOR AT 203-466-4182.

PLAN

1" = 100'

LEGEND

L= LINEAR FEET OF PIPE
 S= No. OF SERVICE LATERALS PRESENT

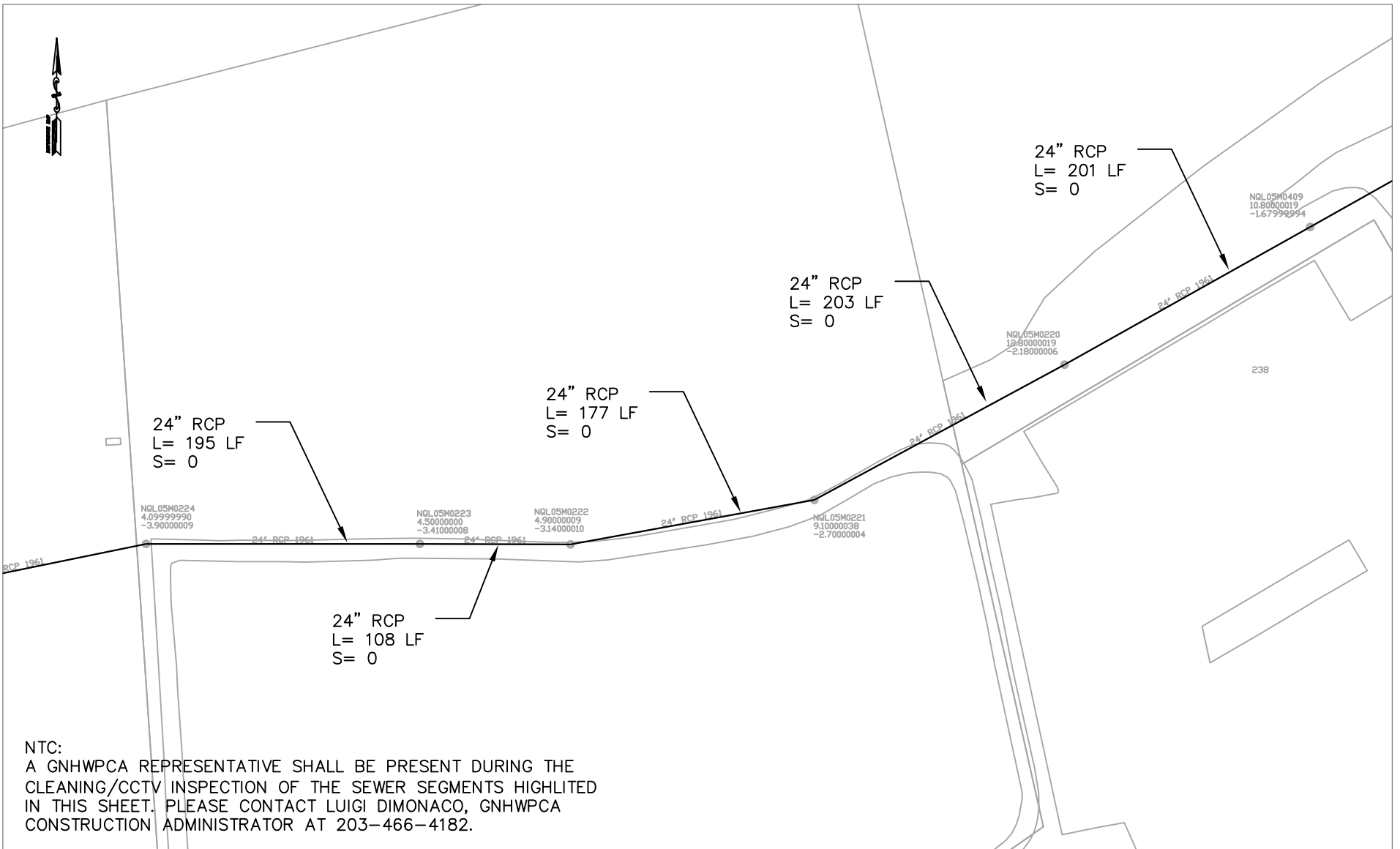


Greater New Haven Water Pollution Control Authority
 ENGINEERING DEPARTMENT
 260 East Street
 New Haven, CT 06511
 (203) 466 5280 p (203) 722-1564 f

Drawn By: RC Approved By: TS Date: 2/13/2018

**24-inches QUINNIPIAC INTERCEPTOR -
 CIPP LINING REHABILITATION PROJECT**

Project No.: SSR 2018-02 Sheet No.: 2 of



NTC:
 A GNHWPCA REPRESENTATIVE SHALL BE PRESENT DURING THE CLEANING/CCTV INSPECTION OF THE SEWER SEGMENTS HIGHLIGHTED IN THIS SHEET. PLEASE CONTACT LUIGI DIMONACO, GNHWPCA CONSTRUCTION ADMINISTRATOR AT 203-466-4182.

PLAN

1" = 100'

LEGEND

L= LINEAR FEET OF PIPE
 S= No. OF SERVICE LATERALS PRESENT



Greater New Haven Water Pollution Control Authority
 ENGINEERING DEPARTMENT
 260 East Street
 New Haven, CT 06511
 (203) 466 5280 p (203) 722-1564 f

Drawn By: RC Approved By: TS Date: 2/13/2018

**24-inches QUINNIPIAC INTERCEPTOR -
 CIPP LINING REHABILITATION PROJECT**

Project No.: SSR 2018-02 Sheet No.: 3 of