

ADDENDUM NO. 1
January 30, 2018
SOUTH BROADWAY SEWER, WATER, AND BRIDGE IMPROVEMENTS
SALEM, NEW HAMPSHIRE

The following changes and information are hereby incorporated into the Contract Documents (Project Manual and Drawings).

PROJECT MANUAL

1. Pre-Bid Meeting

Meeting Notes and the information provided within are included in this Addendum No. 1 (**Attachment A**).

2. Section A – Bidding Requirements

a. Updated Davis-Bacon Wage Rates (Page A-2.4)

Replace Davis-Bacon Wage Rates section on page A-2.4 with updated Davis Bacon Wage Rates Section (**Attachment B**). Note that multiple wage decisions are relevant to this project and that certified payrolls will need to be submitted electronically using software provided by NHDES.

b. Updated Bid Schedule

Replace the bid schedule (dated 1/9/18) pages A-3.5 to A-3.28 with the attached bid schedule pages A-3.5 to A-3.29 dated 1/30/18 (**Attachment C**). This revised bid schedule shall be submitted with the bid.

3. Section B – Contract

a. Agreement (Page B-2.1, Paragraph 3)

Change the calendar days for final completion from 630 to 660 days.

b. Contractor's Certifications (Page B-2.3)

Insert the following text after Paragraph 6 on Page B-2.3:

7. "Contractor's Certifications

A. *Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph:*

1. *"corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process or in the Contract execution;*
2. *"fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;*

3. *“collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and*
 4. *“coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.*
- c. Renumber Paragraph 7 on Page B-2.3 to Paragraph 8.
4. Section D – Federal Provisions, Rules, Regulations and Forms (SRF)
- a. Updated Davis-Bacon Wage Rates
Replace the Davis-Bacon Wage Rates included as Attachment B in Section D of the Contract Documents with the attached rates (**Attachment D** of this Addendum). Note, that two (2) wage decisions will be relevant for this project (Highway and Heavy Construction).
5. Section E – Technical Specifications
- a. Prosecution of Work (Page 01000-13)
Insert Paragraph 22 with the following text:
22. Emergency Contact
The contractor shall provide 24-hour emergency contact information throughout the duration of this project.
 - b. Prosecution of Work (Page 01000-13)
Insert Paragraph 23 with the following text:
23. Staging Area at the WWTF
For the Contractor’s convenience the Town has identified an area of the Town’s former Wastewater Treatment Facility Site located in the vicinity of SARL Drive approximately 1 mile south of Cluff Crossing Road that the Contractor may use for staging and stockpiling materials associated with this project. The approximate area identified for use on the WWTF site is shown on the attached Sketch (Attachment E). The Town does not guarantee the suitability of the site for any particular use and the Contractor shall be responsible for securing/protecting any materials stored on the WWTF site, provide the Town with a release of responsibility for materials that the Contractors stores on WWTF site, and restore the property to pre-construction conditions prior to Final Completion. The area on the WWTF site is provided for the Contractor’s convenience and the Contractor is responsible to secure any and all staging and stockpile areas that the contractor requires to successfully complete the project.
 - c. Summary of Work (01010)
 - i. **1.3 Enumeration of Drawings** – Change the number of sheets on Page A.1 from 55 sheets to 56 sheets.
 - d. Coordination (01020)
 - i. **Paragraph 1.1.E** – Add “and Police Department” to the end of the last sentence.
 - ii. **Paragraph 1.1.G** – Add “and businesses” to the end of the last sentence.

e. *Measurement and Payment (01025)*

i. **Item 2.2.1 and 6.2: Furnish and Install Precast Concrete Rigid Frame Bridge Structure** – Paragraph B.8 shall be replaced as shown below:

8. *Said unit price shall include all items necessary to provide the bridge as shown in the drawings and as specified not covered in separate bid items including precast manufacturers drawings, footing details, and pipe penetration details bearing the stamp and seal of a New Hampshire Professional Engineer.*

ii. **Item 4.22: Prepare and Implement Traffic Control Plan** – Delete Paragraph B in the Measurement and Payment and replace with new Paragraph B below:

B. *Basis of Payment*

1. *Traffic Control Plan will be paid for at the contract lump sum price. The traffic control plan will be paid at the contract unit price in accordance with the following percentages:*

- a. *Preparation of an approved TCP* -10%
- b. *Implementation of the Plan* -90% *(Based on the % of total contract work complete)*

2. *Said lump sum price shall be considered full compensation for development of a detailed traffic control plan that shows the location of all traffic control devices, detours, road closures etc., necessary to complete the work. The plan shall include appropriate phases that are keyed to specific project milestones.*

3. *Said lump sum price shall be considered full compensation for any revisions or resubmissions necessary to obtain approval of the plan from the Police Department, Town, and NHDOT (in jurisdictional areas).*

4. *Said unit price shall be considered full compensation for adjustments to the plan and traffic control devices signs, barriers, temporary pavement markings, etc. in the field as necessary to maintain traffic during construction to safely perform the work.*

5. *Said unit price shall be considered full compensation for all materials, labor and equipment necessary for the implementation of the Traffic Control Plan.*

6. *Failure to maintain the Traffic Control Plan or failure to fully implement the plan shall result in a reduction in the compensation for that period.*

7. *Said price shall include barriers, signs, temporary pavement markings, and other traffic control devices.*

iii. **Item 4.26: Mechanically Enclosed Street Sweeping for Dust Control** – Replace paragraph B.1 with below:

1. *Payment of the allowance in the bid schedule will not be on lump sum basis, only the amount determined for the value of the work will be paid. The contractor shall obtain no less than 3 separate quotes for Mechanically Enclosed Street Sweeping to determine the value of work to be paid.*

f. *Pavement Reclamation (02557)*

i. **Paragraph 3.1.C.2** – Revise reference from “NHDOT Section 304, Aggregate Base Course”, to “NHDOT Section 306 Reclaimed Stabilized Base”.

DRAWINGS

6. Drawing B2 – Sewer Flow & Bypass Schematic (Sheet 9 of 56)

Change all references for flow approximations “found on Sheet D1” to “*found on Sheet B1*”.

7. Drawing G6 – Quantity Schedule (Sheet 6 of 56)

Table 10 – Catch Basin Schedule – The final column in Table 10 should reference **Bid Item #2.4.4** and not 5.12.4.

8. Drawing G6 – Quantity Schedule (Sheet 6 of 56)

a. Replace Table 11 – Drainage Pipe Schedule with the table below:

TABLE 11 – DRAINAGE PIPE SCHEDULE (ADDENDUM #1)

From	To	Sheet No.	ITEM #2.1.12 - #2.1.15	
			CPE Drain Pipe (LF)	
			12"	15"
CB#1	Outlet	R1		13
CB #4593	CB #1	R1		5
CB #4647	CB #2	R1		5
CB #2	CB #4593	R1		5
CB#4	Outlet	R1		29
CB#5	CB#4	R1		159
CB#6	CB#5	R1	49	
CB#4108	CB#3	R1		5
CB#3	CB#30029	R1		5
CB#30029	Outlet	R1		27
Estimated Subtotal			49	253
Rounding			11	22
Total			60	275

b. Replace Table 12 – Roadway Reconstruction Schedule with the table below:

Table 12															
Roadway Reconstruction Schedule (STA 150+00 to STA 156+50)										(ADDENDUM #1)					
Station	Traffic Control Zone	Station Length (FT)	Course Widths			Course Areas				Material Quantities					
			Width of Reclaim (FT)	Pay Limit Gravel, W _g (FT)	Pay Limit, Pavement, W _b (FT)	Area, Gravel (SY)	Area, Reclaim (SY)	Area Add'l Gravel (SY)	Area, Pavement (SY)	Total Crushed Gravel (Item 5.5A) (CY)	Total Reclaim (Item 5.3) (SY)	Binder Course Pavement (Item 5.1A) (TONS)	Bot. Wear Course Pavement (Item 5.1B) (TONS)	Top Wear Course Pavement (Item 5.1C) (TONS)	Cold Planing (Item 5.7) (SY)
149+00	6	0	0	7	7										5.6
149+50	6	50	0	7	7	38.9	0.0	38.9	38.9	19.4	0.0	5.51	4.41	3.31	5.6
150+00	6	50	46	55	54	38.9	0.0	38.9	38.9	19.4	0.0	5.51	4.41	3.31	127.8
150+55	6	55	46	54	54	333.1	281.1	51.9	330.0	72.8	281.1	46.78	37.42	28.07	0.0
151+00	6	45	46	55	54	272.5	230.0	42.5	270.0	59.6	230.0	38.27	30.62	22.96	0.0
151+50	6	50	46	54	54	302.8	255.6	47.2	300.0	66.2	255.6	42.53	34.02	25.52	0.0
152+00	6	50	46	55	54	302.8	255.6	47.2	300.0	66.2	255.6	42.53	34.02	25.52	0.0
152+50	6	50	46	55	54	305.6	255.6	50.0	300.0	67.6	255.6	42.53	34.02	25.52	0.0
153+00	6	50	46	55	54	305.6	255.6	50.0	300.0	67.6	255.6	42.53	34.02	25.52	0.0
153+50	6	50	46	56	55	308.3	255.6	52.8	302.8	69.0	255.6	42.92	34.34	25.75	0.0
154+00	6	50	46	57	55	308.3	255.6	52.8	311.1	69.0	255.6	44.10	35.28	26.46	0.0
154+25	6	25	46	56	55	152.8	127.8	25.0	156.9	33.8	127.8	22.25	17.80	13.35	0.0
154+50	6	25	46	57	55	152.8	127.8	25.0	156.9	33.8	127.8	22.25	17.80	13.35	0.0
155+00	6	50	48	58.5	57.5	312.5	261.1	51.4	320.8	69.2	261.1	45.48	36.38	27.29	0.0
155+50	6	50	51	61	60	326.4	275.0	51.4	331.9	71.5	275.0	47.05	37.64	28.23	0.0
156+00	6	50	55	63.1	61.1	336.4	294.4	41.9	344.7	70.0	294.4	48.86	39.09	29.32	0.0
165+10	6	10	56	63.5	61.1	67.9	61.7	6.2	70.3	13.4	61.7	9.97	7.98	5.98	0.0
156+50	6	40	60	63.9	61.9	273.3	257.8	15.6	283.1	50.7	257.8	40.13	32.10	24.08	166.7
Estimated Subtotal:										919.4	3,450.0	589.2	471.3	353.5	305.6
Offsite Improvements (Sheet R-1)										250.0	0.0	235.0	150.0	0.0	0.0
Rounding:										80.6	150	35.8	28.7	16.5	14.4
Total:										1,250	3,600	860	650	370	320

9. Drawing P4 – South Broadway Sewer and Profile (Sheet 13 of 56)

Remove Key Note 9 pointing to the proposed 12” sewer at STA 143+00.

10. Drawing C1 – Bridge Improvement (Sheet 24 of 56)

Bridge Profile: The proposed water main note shall read “Proposed 12” DI in 20” Steel Sleeve

*See water design by CDM”

11. Drawing T1 – South Broadway Traffic Overview (Sheet 31 of 56)

Insert the following Traffic Summary Table to Drawing T1.

Traffic Zone Summary Table				
Work Zone Area	Number of Open Lanes Northbound	Number of Open Lanes Southbound	Special Closures	Nightwork
1	1	3		Partial
2A	1	3	No Through Traffic on Cluff Road	Yes
2B	1	0	Southbound Traffic on South Broadway will be closed	Yes
3	1	2 to 3		No
4A	1	2	Through traffic between Rockingham Park Blvd. and Veteran's Memorial Parkway will be closed	Yes
4B	1	3		Yes
5	1	2 to 3		No
6	1	1		No
6A	1	1		Possible
6B	1	1		Possible
6C	1	1		Possible
6D	1	1		Possible
7	1	1		No
8	1	1		No
9A	1	1	Through Traffic on Main Street will be closed.	Yes
9B	1 (West)	1 (East)	No left turn onto North Broadway from Main Street going East is allowed.	Yes
10	1 (West)	1 (East)	Alternating 1 Lane Traffic is expected.	Yes

12. Drawing D2 – Standard Details (Sheet 46 of 56)

Standard Sewer Manhole – Add the following to the end of Note #11 “*and mortar shall meet ASTM C270, Type S standards.*”

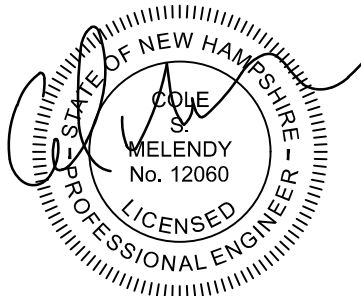
13. Drawing D4 – Standard Details (Sheet 48 of 56)

Catch Basin Detail – Add the following Note #7:

7. *The mortar used for catch basin construction shall meet ASTM C270, Type S standards.*

UNDERWOOD ENGINEERS, INC.

Cole S. Melendy, P.E.
Project Manager



Dated January 30, 2018

Attachments:

Attachment A –	Pre-Bid Meeting Notes
Attachment B –	Updated Davis Bacon Wage Rate Section
Attachment C –	Updated Bid Schedule
Attachment D –	Davis-Bacon Wage Rates
Attachment E –	Town WWTF Staging Area Schematic

Attachment A

Pre-Bid Meeting Notes

Attachment A

Addendum No. 1

South Broadway Sewer, Water, and Bridge Improvements

Pre-Bid Meeting Notes

Salem, NH

January 17, 2018 at 10:00 A.M.

1. Introductions

Roy Sorenson, Director of Municipal Services	Town of Salem
Dan Hudson, P.E., Director of Engineering	Town of Salem
James Danis, P.E., Capital Projects Engineer	Town of Salem
Steve Carey, P.E., Project Manager careysl@cdmsmith.com	CDM Smith Tel. 603.222.8367
Cole Melendy, P.E., Project Manager cmelendy@underwoodengineers.com	Underwood Engineers, Inc. Tel. 603.436.6192
Dan Dudley, P.E., Construction Management	NHDES
Dave Cloutier, Grants Management	NHDES

Sign-in Sheet of attendees is attached.

2. Bidding Requirements

- Pre-Bid Meeting: This is a non-mandatory pre-bid meeting.
- Bid Security for 5% of bid price
- Acknowledgement of Addenda; Submit with Bid
- DBE and AIS acknowledgement
- Other forms may be included via. addendum

3. Project Area

- The project limits extend along South Broadway from just south of Cluff Road to north of Main Street and approximately 800 feet on Main Street.

4. Schedule

Completion time for the project will be as follows:

- Work is anticipated to begin in April/May 2018
- Substantial Completion: December 2019/January 2020 (600 calendar days)
- Final Completion: February/March 2020 (660 calendar days)

5. Project Overview

The project generally includes the following items:

- Approximately 8,300 LF of sewer main replacement on South Broadway and connecting side streets. The project will reroute sewer flows from the northern part of Town down South Broadway.
- Removal and disposal of approximately 5,600 LF of concrete roadway panels (~18' wide) to accommodate utility installations.
- Installation of a 5'x12' span bottomless arch culvert on South Broadway to replace an existing box culvert and roadway improvements to raise the roadway around the culvert.
- An additive alternative item to install a 5'x12' span bottomless arch culvert on the NHDOT rail trail approximately 30' downstream of the South Broadway culvert replacement.
- Sheeting, shoring and dewatering will be subsidiary to the work.

Water Improvements

- Over 7000 linear feet of mostly 12-inch ductile iron water main on South/North Broadway and Main Street. Broadway limits extend from just south of Cluff Road and Cluff Crossing Road, to just north of the Depot Intersection (at Main Street). Work limits on Main Street extend from 250 feet west of Broadway to Millville Street east of Broadway.
- Water main installation in Broadway is in new alignment. Water main installation in Main Street is remove existing main and replace with new, and will require temporary water pipe and hydrants.
- Work includes connections to existing system, side street connections, service connections ranging from 1" to 8" and new hydrant installation.
- Within the project limits, 1500 linear feet (excluded from total length given above) of new water main was installed by others in 2017 at the Post Office Intersection (Angelas Drive).
- All joints for the water main installation must be restrained.
- There are two locations where the water main must cross under large culvert. These crossings will require the water main to be offset and installed in a steel sleeve.

6. NHDES SRF Requirements

- Davis-Bacon Wage Rate Requirements apply for this project which will include both heavy and highway. Highway rates and additional information will be included in an addendum.
- American Iron and Steel (AIS) is required. This includes anything metal used during construction and precast concrete products must be cast in the US and use domestic reinforcing steel. Refer to specs for additional information.
- Use of DBE Subconsultants is not mandatory but the contractor must demonstrate a good faith effort to solicit and use DBE Subcontractors.
- Construction Management

South Broadway Sewer, Water, and Bridge Improvements Project
Salem, NH

7. Work Zones

All work shall be contained within the construction work zones identified in the project drawings including: concrete panel removal, dewatering systems, sewer main installation, water main installation, roadway gravel placement, pavement except mill and overlay, equipment and storage. Only one work zone shall be allowed at one time. Sewer and water utility installations shall be completed within each work zone and paved prior to moving to the next zone.

8. Traffic Management

The Contractor will be required to maintain the roadway in a safe passable condition. A minimum of one lane of traffic northbound and one lane southbound shall be maintained. Access to businesses along South Broadway shall be maintained. Refer to Section 01570 for general requirements. Traffic is expected to be generally moderate to heavy (approximately 28,000 vpd in certain areas). Traffic increases during commuter hours and during school release.

9. Site Restoration and Paving

- Concrete panel removal areas and traffic exclusion zones
- Trench pavement in areas outside of concrete panel removal areas
- Daily temporary pavement is required where trench pavement is required and is subsidiary to utility installation
- Landscaping, loam and seed, curb removal and reset and other restoration required for utility installation is subsidiary to the work
- Schedule 5 items will only be measured for payment where roadway improvements are included around the bridge replacement
- Mill and overlay is required after utility installation is complete
- Temporary pavement markings are required and subsidiary as the work progresses
- Permanent pavement marking are for after the final mill and overlay is complete

10. Work Hours

The contract time for completion is based on work hours from 7am to 6pm, Monday through Fridays. Specific areas identified within the project drawings (primarily at major intersections) are expected to be completed at night. Night work hours are from 9:00pm to 6:00am. Work beyond these hours will not be permitted without Town approval. Refer to Section 01572 for general requirements.

11. Geotechnical and Subsurface Information

Geotechnical and subsurface information is provided for the contractor's use in preparation of their bid. The following plans must be submitted for review and approval prior to construction:

- Excavation shoring plan
- Construction dewatering
- Settlement monitoring plan
- Construction vibration monitoring plan

South Broadway Sewer, Water, and Bridge Improvements Project
Salem, NH

12. Construction Dewatering Effluent

Dewatering effluent containing regulated concentrations of compounds shall be discharged to the sewer. Dewatering effluent samples shall be collected/analyzed in accordance with Greater Lawrence Sanitary District (GLSD) requirements. Other dewatering water shall be managed under a general NPDES dewatering permit to be obtained by the Contractor.

13. Temporary Facilities & Environmental Controls

Contractor is required to provide and monitor erosion and siltation controls, to prevent degradation to wetlands, drainage ditches and adjoining properties. Temporary controls and general housekeeping during construction include but may not be limited to:

- Preparation and implementation of SWPPP (unit items provided)
- Geotechnical Monitoring
- Dust Control
- Continuous maintenance and cleanup of uncompleted work areas
- Safe passage of traveling public
- General housekeeping

14. Regulated Soil Management

Expected areas with regulated soils have been identified within the drawings. Refer to Section 13100 for general requirements of soil/groundwater management and disposal. Only regulated soils will be considered for payment under applicable items. Surplus non-regulated materials are the responsibility of the Contractor.

15. Community Information

The Contractor is required to provide the following information on a weekly basis:

- Attend a public informational meeting prior to construction and after any temporary work stoppages
- Address or provide status updates relating to property owners complaints
- Provide a 24-hour contact person for emergencies
- A brief narrative of upcoming work areas and schedule (2 week projection)

16. Staging Areas

The Contractor is responsible for obtaining adequate staging areas for the project.

17. Wetlands Permit

Work within jurisdictional wetlands is limited to grading around headwalls. A wetland permit application will be secured by the Town in advance of the work.

18. Addendum

Sewer, Bridge, and Roadway comments and questions will be received by Underwood Engineers, Inc. (attn. Erik Nichols) and Water-related comments/questions will be received by CDM Smith (attn. Steve Carey) until Friday January 26, 2018 in anticipation of Addendum preparation.

Addenda will be issued at least five (5) days prior to the bid date.

19. Questions

- **Q1:** *Is there any priority between road and sewer projects?*
A1: **No, both parts are important to the Town.**

- **Q2:** *What are the typical depths of the existing water and sewer utilities?*
A2: **The existing water main is understood to have approximately 5' of cover and the sewer main is shown on the plans. The location and depths of sewer laterals are unknown and bid items are provided for lateral locating. The contractor is responsible for DigSafe markings.**

- **Q3:** *Is Asbestos Pipe expected to be encountered?*
A3: **Existing sewer mains are expected to be Reinforced Concrete Pipe (RCP) and Vitrified Clay (VC) and water mains are Cement lined Cast Iron (CI). Lateral materials are unknown and a bid item (ITEM 4.20) is provided for the contractor to manage and dispose of AC pipe. Existing water mains are expected to be cement lined Cast Iron (CI) pipe. The Town of Salem does not expect asbestos water pipe to be encountered.**

- **Q4:** *Are restrained joints required everywhere?*
A4: **Yes, all water pipe joints must be restrained.**

- **Q5:** *Will the Contractor have use of the Town's former WWTF site for staging and stockpiling during construction?*
A5: **The contractor must find their own staging and stockpiling areas beyond the active work areas barricaded in the traffic exclusion zones. However, the Town is pursuing areas for the contractors use which, if obtained, will be described in an addendum.**

Sign-In Sheet

NON – MANDATORY PRE-BID MEETING

South Broadway Sewer, Water, and Bridge Improvements
Town of Salem, NH

January 17, 2018 10:00 A.M.

Name	Company	Address	Phone	Email
Cole Melendy, P.E.	Underwood Engineers	25 Vaughan Mall Portsmouth, NH 03801	603-436-6192	cmelendy@underwoodengineers.com
DAVE Cloutier	DES	29 Hazen Dr. Concord	603-271-0026	david.cloutier@des.nh.gov
Dan Dudley	NHDES	29 Hazen Dr. Concord	603-271-7027	daniel.dudley@des.nh.gov
George Smith	Weaver Bros. Const.	1629 Rt 3A Bow, NH	603-496-6166	george@wbcc.biz
GARY LaBonte	ALBANESE BROS. INC	P.O. Box 518 DRAFT MA 01826	978-454-8850	GLABONTE@ALBANESEBROS.COM
Phil B. Hastings	Baker Corp	offroad, NH	603-851-2487	phlbgstn@bakercorp.com
Rich Verrean	ADS Pipe	195 McGowan St Mendon 01752	505-7267	Rich.Verrean@ADS-Pipe.com

Name	Company	Address	Phone	Email
Geoff Hubbard	CORE AND MAIN	232 FRONTAGE RD. MARCHESTER, NH	603-565-0426	geoff.hubbard@coreandmain.com
Russ Prescott	De Felice Corp	28 Silo Ln Dorset, MA 01826	978-580-9391	estimating@defelicecorp.com
Mark Johnson	GPRS	2540 New West Rd Toledo, OH 43617	617-448-8098	mark.johnson@gprsinc.com
George Fester	Busby Construction	71 Route 111 ATKINSON NH 05811	603-898-4800	ghester@busbyconstruction.com

Attachment B

Updated Davis-Bacon Wage Rate Section

CWSRF & DWSRF Salem: South Broadway Water, Sewer, and Culvert

DAVIS BACON WAGE RATES

This project is funded in whole or in part by a loan available through NHDES's Clean Water and/or Drinking Water SRF programs, and hence is subject to federal Davis Bacon wage provisions.

All laborers and mechanics employed by contractors or subcontractors on this project shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the U.S. Department of Labor (DOL) in accordance with Subchapter IV of Chapter 31 of Title 40, United States Code.

Both Heavy and Highway General Wage Decisions (GWD) for Rockingham County apply to this project.

Generally all underground work for sanitary sewer, water main installation, utilities and drainage (including culverts and the bridges) falls under the Heavy category (GWD NH45) and all road construction (including removal of the concrete panels), surface work (including the installation/removal of traffic control devices, signs and barriers) and paving is covered under Highway (GWD NH33).

If the Heavy wage determination does not provide a rate for a classification of work to be performed, **the contractor** must request additional classifications and wage rates to be added in conformance to the contract wage determination after contract award.

The following guidance is for classifications/rates missing from the Heavy General Wage Decision NH45, Publication date 1/5/2018.

When requesting skilled trade classifications and proposing rates: the minimum rate that may be approved is \$ 25.49 + \$ 18.11 fringe or a total rate of \$ 43.60 an hour.

Additional guidance for USDOL conformance procedures is available using the following link:
<https://www.dol.gov/whd/recovery/pwrb/Tab7.pdf>

A copy of the applicable DOL wage determination(s) is included in Attachment B in PART D- FEDERAL PROVISIONS, RULES, REGULATIONS AND FORMS in these project documents.

NHDES will provide web-based reporting for certified payrolls for prime contractor and all subcontractors and lower-tier subcontractors. Submission of paper payrolls will not be used on this project. This software will be accessible for Owner, Contractor, Engineer and Agency.

Bidders shall refer to the above-referenced PART D for additional information on Davis Bacon requirements.

Attachment C

Updated Bid Schedule

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
SCHEDULE 1 - SEWERS						
1.0A	50	EA	Pre Construction Sewer Lateral CCTV: _____ Dollars and _____ Cents per	EA	EA	
1.0B	8,350	LF	Pre Construction Sewer Mainline CCTV Inspection (Night work): _____ Dollars and	LF	LF	
1.0C	8,350	LF	Post Construction CCTV Inspection (Night work): _____ Dollars and _____ Cents per	LF	LF	
1.1.06A	1,550	LF	6" PVC SDR 35 sewer service pipe all depths, including earth excavation, fittings, backfill, dewatering, excavation shoring and sheeting, and temporary pavement repairs: _____ Dollars and _____ Cents per	LF	LF	
1.1.06B	40	EA *	Furnish and install sewer service chimneys including earth excavation, fittings, permanent vertical forms (sono tube), required insulation, backfill, dewatering, excavation shoring and sheeting, and temporary pavement repairs: _____ Dollars and _____ Cents per	EA *	EA *	
1.1.08	50	LF	8" PVC SDR 35 sewer pipe all depths, including earth excavation, fittings, backfill, dewatering, excavation shoring and sheeting, and temporary pavemet repairs: _____ Dollars and _____ Cents per	LF	LF	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
1.1.10	90	LF	10" PVC SDR 35 sewer pipe all depths, including earth excavation, fittings, backfill, dewatering, excavation shoring and sheeting, and temporary pavement repairs: _____ Dollars and _____ Cents per	LF	LF	
1.1.12	100	LF	12" PVC SDR 35 sewer pipe all depths, including earth excavation, fittings, backfill, dewatering, excavation shoring and sheeting, and temporary pavement repairs: _____ Dollars and _____ Cents per	LF	LF	
1.1.15	1,600	LF	15" PVC SDR 35 sewer pipe all depths, including earth excavation, fittings, backfill, dewatering, excavation shoring and sheeting, and temporary pavement repairs: _____ Dollars and _____ Cents per	LF	LF	
1.1.18	1,650	LF	18" PVC SDR 35 sewer pipe all depths, including earth excavation, fittings, backfill, dewatering, excavation shoring and sheeting, and temporary pavement repairs: _____ Dollars and _____ Cents per	LF	LF	
1.1.24	4,700	LF	24" PVC SDR 35 sewer pipe all depths, including earth excavation, fittings, backfill, dewatering, excavation shoring and sheeting, and temporary pavement repairs: _____ Dollars and _____ Cents per	LF	LF	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
1.1.30	20	LF	30" PVC SDR 35 sewer pipe all depths, including earth excavation, fittings, backfill, dewatering, excavation shoring and sheeting and temporary pavement repairs: _____ _____ Dollars and _____ Cents per	LF	LF	
1.2.24	120	LF	24" Ductile Iron sewer pipe sleeve, including earth excavation, fittings, backfill, excavation shoring and sheeting, and dewatering: _____ _____ Dollars and _____ Cents per	LF	LF	
1.2.30	30	LF	30" Ductile Iron sewer pipe sleeve including earth excavation, fittings, backfill, excavation shoring and sheeting, and dewatering: _____ _____ Dollars and _____ Cents per	LF	LF	
1.3.4	50	VF	4' diameter sewer manholes including excavation and backfill: _____ _____ Dollars and _____ Cents per	VF	VF	
1.3.5	420	VF	5' diameter sewer manholes including excavation and backfill: _____ _____ Dollars and _____ Cents per	VF	VF	
1.3.6	30	VF	6' diameter sewer manholes including excavation and backfill: _____ _____ Dollars and _____ Cents per	VF	VF	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
1.4	20	VF	Inside drop structure for sewer manholes (all sizes): _____ Dollars and _____ Cents per	VF	VF	
1.5	8,300	LF *	Furnish and install geotextile wrap around sewer bedding stone and pipe (in trench) where directed in accordance with the standard details: _____ Dollars and _____ Cents per	LF *	LF *	
1.6A	15	EA *	Field core sewer manholes, 6" - 12" including pipe connection system (Max = \$600): _____ Dollars and _____ Cents per	EA *	EA *	
1.6B	5	EA*	Field core sewer manholes, 15" - 24" including pipe connection system (Max = \$600): _____ Dollars and _____ Cents per	EA*	EA*	
1.7	15	EA	Abandon sewer manholes including fill materials and disposal of removed portion: _____ Dollars and _____ Cents per	EA	EA	
1.8	480	CY	Furnish and Install Flowable Fill where directed: _____ Dollars and _____ Cents per	CY	CY	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
1.9	1	LS	Furnish and Install Temporary Bypass Pumping including piping and maintenance of sewer flows: _____ Dollars and _____ Cents per	LS	LS	
1.10.6	600	LF*	Additional price to provide 6" sewer pipe with Nitrile Gaskets (where directed): _____ Dollars and _____ Cents per	LF*	LF*	
1.10.8	20	LF*	Additional price to provide 8" sewer pipe with Nitrile Gaskets (where directed): _____ Dollars and _____ Cents per	LF*	LF*	
1.10.10	90	LF*	Additional price to provide 10" sewer pipe with Nitrile Gaskets (where directed): _____ Dollars and _____ Cents per	LF*	LF*	
1.10.12	20	LF*	Additional price to provide 12" sewer pipe with Nitrile Gaskets (where directed): _____ Dollars and _____ Cents per	LF*	LF*	
1.10.15	1,100	LF*	Additional price to provide 15" sewer pipe with Nitrile Gaskets (where directed): _____ Dollars and _____ Cents per	LF*	LF*	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
1.10.18	450	LF*	Additional price to provide 18" sewer pipe with Nitrile Gaskets (where directed): _____ Dollars and _____ Cents per	LF*	LF*	
1.10.24	900	LF*	Additional price to provide 24" sewer pipe with Nitrile Gaskets (where directed): _____ Dollars and _____ Cents per	LF*	LF*	
SUBTOTAL - SCHEDULE 1						

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
SCHEDULE 2 - DRAINS						
2.1.12	60	LF	Furnish and install 12" CPE Drain Pipe, all depths, including earth excavation, fittings, backfill, and dewatering: _____ Dollars and _____ Cents per	LF	LF	
2.1.15	275	LF	Furnish and install 15" CPE Drain Pipe, all depths, including earth excavation, fittings, backfill, and dewatering: _____ Dollars and _____ Cents per	LF	LF	
2.2.1	1	LS	Furnish and install precast concrete rigid frame bridge including headwalls, footings, wingwalls and streambed simulation (South Broadway): _____ Dollars and _____ Cents per	LS	LS	
2.2.2	1	LS	Culvert Modifications at STA 170+00: _____ Dollars and _____ Cents per	LS	LS	
2.3	2	EA	Adjustments of catch basins frame assemblies: _____ Dollars and _____ Cents per	EA	EA	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
2.4.4	45	VF	Furnish and install 4' diameter catch basin including excavation and backfill:			
			_____ Dollars and			
			_____ Cents per	VF	VF	
2.5	1	LS	Temporary Cofferdams and Water Diversion (for bridge construction):			
			_____ Dollars and			
			_____ Cents per	LS	LS	
SUBTOTAL - SCHEDULE 2						

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
SCHEDULE 3 - WATER						
W-1a	170	LF	Furnish and install 16-inch Class 52 Cement Lined DI water pipe including earth excavation and backfill: _____ Dollars and _____ Cents per	LF	LF	
W-1b	7000	LF	Furnish and install 12-inch Class 52 Cement Lined DI water pipe including earth excavation and backfill: _____ Dollars and _____ Cents per	LF	LF	
W-1c	10	LF	Furnish and install 10-inch Class 52 Cement Lined DI water pipe including earth excavation and backfill : _____ Dollars and _____ Cents per	LF	LF	
W-1d	330	LF	Furnish and install 8-inch Class 52 Cement Lined DI water pipe including earth excavation and backfill: _____ Dollars and _____ Cents per	LF	LF	
W-1e	360	LF	Furnish and install 6-inch Class 52 Cement Lined DI water pipe including earth excavation and backfill: _____ Dollars and _____ Cents per	LF	LF	
W-1f	6700	Lbs.	Ductile iron fittings including earth excavation and backfill: _____ _____ Dollars and _____ Cents per	Lbs.	Lbs.	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
W-1g	2,400	LF	Additional price to provide water main with Viton Gaskets (where directed): _____ _____ Dollars and _____ Cents per	LF	LF	
W-2a	2	EA	Furnish and install 16-inch gate valves with boxes and covers: _____ _____ Dollars and _____ Cents per	EA	EA	
W-2b	22	EA	Furnish and install 12-inch gate valves with boxes and covers: _____ _____ Dollars and _____ Cents per	EA	EA	
W-2c	7	EA	Furnish and install 8-inch gate valves with boxes and covers: _____ _____ Dollars and _____ Cents per	EA	EA	
W-2d	9	EA	Furnish and install 6-inch gate valves with boxes and covers: _____ _____ Dollars and _____ Cents per	EA	EA	
W-2e	2	EA	Furnish and install 12x8-inch tapping sleeves and valves with boxes and covers: _____ _____ Dollars and _____ Cents per	EA	EA	
W-3a	14	EA	Install hydrant assemblies: _____ _____ Dollars and _____ Cents per	EA	EA	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
W-3b	9	EA	Remove existing hydrant assembly and return hydrant to owner: _____ Dollars and _____ Cents per	EA	EA	
W-4a	3	EA	Furnish and install, 2" water service corporation cock: _____ Dollars and _____ Cents per	EA	EA	
W-4b	100	LF	Furnish and install, 2" copper water service pipe including earth excavation, backfill, and testing: _____ Dollars and _____ Cents per	LF	LF	
W-4c	3	EA	Furnish and install, 2" water service curb stop with box: _____ Dollars and _____ Cents per	EA	EA	
W-4d	29	EA	Furnish and install, 1" water service corporation cock: _____ Dollars and _____ Cents per	EA	EA	
W-4e	1050	LF	Furnish and install, 1" copper water service pipe including earth excavation, backfill, and testing: _____ Dollars and _____ Cents per	LF	LF	
W-4f	23	EA	Furnish and install, 1" water service curb stop with box: _____ Dollars and _____ Cents per	EA	EA	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
W-5a	2200	LF	Furnish, install and remove 4-inch temporary water pipe: _____ _____ Dollars and _____ Cents per	LF	LF	
W-5b	150	LF	Furnish, install and remove 2-inch temporary water pipe: _____ _____ Dollars and _____ Cents per	LF	LF	
W-5c	6	EA	Furnish, install and remove temporary hydrants: _____ _____ Dollars and _____ Cents per	EA	EA	
W-5d	3	EA	Type B temporary service connections: _____ _____ Dollars and _____ Cents per	EA	EA	
W-6a	1	LS	Water main culvert crossing at station 153+00: _____ _____ Dollars and _____ Cents per	LS	LS	
W-6b	1	LS	Water main culvert crossing at station 170+15: _____ _____ Dollars and _____ Cents per	LS	LS	
W-7	1	LS	Miscellaneous water main work and cleanup: _____ _____ Dollars and _____ Cents per	LS	LS	
SUBTOTAL - SCHEDULE 3						

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
SCHEDULE 4 - COMMON						
4.1	1	LS	Mobilization (maximum 10% of total bid): _____ Dollars and _____ Cents per	LS	LS	
4.2	19,000	SY	Furnish and install concrete panel removal and roadway repairs including sawcutting, concrete panel removal, gravel, and 6" binder flush pavement: _____ Dollars and _____ Cents per	SY	SY	
4.3	52,000	SY	Mill and overlay pavement to 1.5" depth: _____ Dollars and _____ Cents per	SY	SY	
4.4	5,300	LF	Furnish and install trench width permanent pavement repairs and restoration (outside of concrete panel removal area) including gravel, sawcutting, and pavement: _____ Dollars and _____ Cents per	LF	LF	
4.5	500	CY *	Additional excavation and excavation of unsuitable materials (where ordered by Engineer) (Minimum \$5/C.Y., Maximum \$25/C.Y.): _____ Dollars and _____ Cents per	CY *	CY *	
4.6A	500	CY *	Furnish and install additional crushed gravel (where ordered by Engineer) (Minimum \$12/C.Y., Maximum \$25/C.Y.): _____ Dollars and _____ Cents per	CY *	CY *	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
4.6B	500	CY *	Furnish and install additional screened gravel (crushed stone) (where ordered by Engineer) (Minimum \$10/C.Y., Maximum \$20/C.Y.): _____ Dollars and _____ Cents per	CY *	CY *	
4.7	200	TON *	Furnish and install additional asphalt pavement as directed: _____ Dollars and _____ Cents per	TON *	TON *	
4.8	5,000	SY	Furnish and install 3" of temporary pavement within the nightwork intersections in the concrete removal areas: _____ Dollars and _____ Cents per	SY	SY	
4.9A	3,400	LF	Install pipe < 24" dia. (added cost to install item at night): _____ Dollars and _____ Cents per	LF	LF	
4.9B	570	LF	Install pipe greater than or equal to 24" dia. (added cost to install item at night): _____ Dollars and _____ Cents per	LF	LF	
4.9C	90	VF	Install all concrete structures -- manholes (added cost to install item at night): _____ Dollars and _____ Cents per	VF	VF	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
4.9D	5,400	SY	Concrete panel removal and roadway repairs (added cost to perform at night): _____ Dollars and _____ Cents per	SY	SY	
4.9E	1,600	LF	Permanent trench patch paving (added cost to perform at night): _____ Dollars and _____ Cents per	LF	LF	
4.9F	2,400	LF	Install Water Main (added cost to install item at night): _____ Dollars and _____ Cents per	LF	LF	
4.9G	20	EA *	Per diem rate for bridge installation crew to work at night (8hr shift): _____ Dollars and _____ Cents per	EA *	EA *	
4.9H	36	EA *	Per diem rate for crew to work at night (8hr shift) installing quantities not included in above: _____ Dollars and _____ Cents per	EA *	EA *	
4.10	60	EA*	Exploratory test pit excavation (as shown and where ordered by Engineer) (Minimum \$500/EA., Maximum \$2000/EA.): _____ Dollars and _____ Cents per	EA*	EA*	
4.11	350	CY *	Rock removal including disposal (Min. = \$70/C.Y., Max. = \$200 C.Y.): _____ Dollars and _____ Cents per	CY *	CY *	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
4.12	1	Allow	Vibration Monitoring: <u>Twenty Thousand</u> _____ Dollars and _____ Cents per	Allow	\$20,000	Allow
4.13	1	Allow	Geotechnical testing (field work only): <u>Twenty Five thousand</u> _____ Dollars and _____ Cents per	Allow	\$25,000	Allow
4.14	1	LS	Develop and maintain Health and Safety Plan (per Section 13710): _____ Dollars and _____ Cents per	LS		LS
4.15	1	LS	Management of soils and materials: _____ Dollars and _____ Cents per	LS		LS
4.16	6,500	TON *	Load and haul surplus regulated soils and materials (where directed): _____ Dollars and _____ Cents per	TON *		TON *
4.17	6,500	TON *	Disposal of regulated soils and materials (where directed): _____ Dollars and _____ Cents per	TON *		TON *
4.18A	1	LS	Management and Disposal of contaminated groundwater to the sewer: _____ Dollars and _____ Cents per	LS		LS

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
4.18B	1	Allow	Allowance for groundwater pretreatment: <u>Fifty Thousand</u> Dollars and Cents per	Allow	\$50,000	Allow
4.19A	1	Allow	Analytical soil testing: <u>Twenty Thousand</u> Dollars and Cents per	Allow	\$20,000	Allow
4.19B	1	Allow	Analytical groundwater testing: <u>Twenty Thousand</u> Dollars and Cents per	Allow	\$20,000	Allow
4.20	100	LF *	Remove and dispose of asbestos cement pipe (all diameters) where encountered: Dollars and Cents per	LF *		LF *
4.21A	1	LS	Develop an erosion control and stormwater pollution prevention plan (SWPPP) for approval and obtain NPDES Construction general permit: Dollars and Cents per	LS		LS
4.21B	1	LS	Implement and maintain approved erosion control plan and SWPPP: Dollars and Cents per	LS		LS

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
4.22	1	LS	Prepare and implement Traffic Control Plan: _____ _____ _____ Dollars and _____ Cents per	LS	LS	
4.23	1	Allow	Uniformed officer for traffic control: <u>Six Hundred Thousand</u> Dollars and _____ Cents per	Allow	\$600,000 Allow	
4.24	1	LS	Permanent Pavement Markings: _____ _____ _____ Dollars and _____ Cents per	LS	LS	
4.25	1	Allow	Asphalt Escalation: <u>Twenty Thousand</u> Dollars and _____ Cents per	Allow	\$20,000 Allow	
4.26	1	Allow	Mechanically Enclosed Vacuum Street Sweeping: <u>Thirty Thousand</u> Dollars and _____ Cents per	Allow	\$30,000 Allow	
4.27	1	LS	Temporary Utility Protection: _____ _____ _____ Dollars and _____ Cents per	LS	LS	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
4.28	20	EA *	Unknown Utility Crossing: _____ Dollars and _____ Cents per	EA *	EA *	
4.29	20	EA *	Unknown Utility Repair: _____ Dollars and _____ Cents per	EA *	EA *	
4.30	1	Allow	Construction Contingency (Three Hundred Thousand Dollar Allowance): Three Hundred Thousand _____ Dollars and _____ Cents per	Allow	\$300,000.00	Allow
4.31	1	LS	Record Drawings: _____ Dollars and _____ Cents per	LS	LS	
4.32	1	LS	Geotechnical Report Compliance Activities and Settlement Monitoring: _____ Dollars and _____ Cents per	LS	LS	
SUBTOTAL - SCHEDULE 4						

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
SCHEDULE 5 - ROADWAY RECONSTRUCTION (DWG R1)						
5.1A	860	TON	Furnish and install hot bituminous pavement - machine method (3/4" Binder Course 50 Gyr): _____ Dollars and _____ Cents per	TON	TON	
5.1B	650	TON	Furnish and install hot bituminous pavement - machine method (1/2" Wearing Course 50 Gyr): _____ Dollars and _____ Cents per	TON	TON	
5.1C	370	TON	Furnish and install hot bituminous pavement - machine method (3/8" Wearing Course 75 Gyr): _____ Dollars and _____ Cents per	TON	TON	
5.2A	200	TON	Hot bituminous pavement, hand worked (including sidewalk, base course, curbing, and driveways): _____ Dollars and _____ Cents per	TON	TON	
5.2B	100	TON*	Hot bituminous pavement, hand worked (temporary where directed): _____ Dollars and _____ Cents per	TON*	TON*	
5.3	3,600	SY	Full width pavement reclamation - 12" depth (Remove and Rehandle): _____ Dollars and _____ Cents per	SY	SY	
5.4A	1,200	CY	Common excavation - Roadway: _____ Dollars and _____ Cents per	CY	CY	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
5.5A	1,250	CY	Furnish and install crushed stone (fine) - Roadway: _____ Dollars and _____ Cents per	CY	CY	
5.5B	300	CY	Furnish and install crushed gravel - Driveway: _____ Dollars and _____ Cents per	CY	CY	
5.6	270	SY	Bituminous concrete sidewalk (3" thick): _____ Dollars and _____ Cents per	SY	SY	
5.7	320	SY	Cold planing bituminous pavement: _____ Dollars and _____ Cents per	SY	SY	
5.8.1	480	LF	Furnish and install vertical granite curb (5" x 18"): _____ Dollars and _____ Cents per	LF	LF	
5.8.2	200	LF	Reset vertical granite curb: _____ Dollars and _____ Cents per	LF	LF	
5.9.1	140	LF	Furnish and install guard rail (standard w-beam steel post with Type 6-2 end unit): _____ Dollars and _____ Cents per	LF	LF	
5.9.2	30	LF	Furnish and install guard rail (standard w-beam bridge post assembly): _____ Dollars and _____ Cents per	LF	LF	

CONTRACTOR'S BID SCHEDULE						
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE	EXTENDED TOTAL
5.10	2,800	SY	Turf Establishment: _____ Dollars and _____ Cents per	SY	SY	
5.11	140	CY*	Embankment Construction - Roadway: _____ Dollars and _____ Cents per	CY*	CY*	
SUBTOTAL - SCHEDULE 5						

CONTRACTOR'S BID SCHEDULE							
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION		UNIT PRICE		EXTENDED TOTAL
SCHEDULE 6 - Bid Add Alt #1 - Bridge at Salem Rail Trail							
6.1	1	LS	Additional Mobilization (maximum 10% of total bid alt): _____ Dollars and _____ Cents per	LS		LS	
6.2	1	LS	Furnish and install precast concrete rigid frame bridge including including headwalls, wingwalls, and streambed simulation - (NHDOT Rail Trail): _____ Dollars and _____ Cents per	LS		LS	
6.3	1	LS	Additional Temporary Utility Protection: _____ Dollars and _____ Cents per	LS		LS	
6.4	1	Allow	NHDOT Provisions and Requirements: <u>Twenty Thousand</u> _____ Dollars and _____ Cents per	Allow	\$20,000	Allow	
6.5	1	Allow	Historic Conditions and Requirements: <u>Twenty Thousand</u> _____ Dollars and _____ Cents per	Allow	\$20,000	Allow	
6.6	1	LS	Temporary Water Diversion (for bridge construction only): _____ Dollars and _____ Cents per	LS		LS	
SUBTOTAL - SCHEDULE 6							

CONTRACTOR'S BID SCHEDULE					
BID ITEM	EST. QUANT.	UNITS	DESCRIPTION	UNIT PRICE	EXTENDED TOTAL

Line 1 **TOTAL BASE BID (Schedule 1 - 5)**

Line 2 **ADD ALT #1 (Schedule 6)**

Name of Contractor: _____

Date: _____

Notes to Bidders:

1. Award will be based on Engineer's Estimate of Quantities and Contractor's unit item cost shown as Line One (1).
2. It is the intent of the Owner to award the Contract to the apparent low Bidder provided the Bid has been submitted in accordance with the requirements of the Bidding Documents.
3. The Owner reserves the right to waive any informalities or minor bid discrepancies, to reject any or all bids, and to take any action in the best interest of the Owner.
4. * Indicates Indeterminate Quantity

CERTIFICATE OF NON-COLLUSION

By submission of this Proposal, the bidder and each person signing on behalf of the bidder, certifies as to its own organization, under penalty of perjury, that to the best of their knowledge and belief, in accordance with Paragraph 7 of the Agreement:

1. The prices in this Bid Proposal have been arrived at independently without collusion, consultation, communication, or agreement with any other bidder or with any competitor for the purpose of restricting competition.
2. Unless required by law, the prices that have been quoted in this Bid Proposal have not been knowingly disclosed and will not knowingly be disclosed by the bidder, directly or indirectly, to any other bidder or competitor prior to opening of Proposals.
3. No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit or not to submit a proposal for the purpose of restricting competition.
4. The signers of the Proposal hereby tender to the Owner this sworn statement that the named Contractor(s) has not, whether directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action to restrain free competitive bidding in connection with this Proposal.

A Bid Proposal will not be considered for award nor will any award be made where there has not been compliance with the statements in the certification above.

(Name of person signing bid or proposal)

(Name of business)

Attachment D

Davis-Bacon Wage Rates

General Decision Number: NH180033 01/05/2018 NH33

Superseded General Decision Number: NH20170033

State: New Hampshire

Construction Type: Highway

County: Rockingham County in New Hampshire.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/05/2018

* SUNH2011-029 08/15/2011

	Rates	Fringes
CARPENTER (Excluding Form Work).....	\$ 23.13	2.51
CARPENTER (Form Work Only).....	\$ 20.57	1.06
ELECTRICIAN.....	\$ 23.22	2.78
INSTALLER - GUARDRAIL.....	\$ 22.29	11.84
IRONWORKER, REINFORCING.....	\$ 18.00	0.00
IRONWORKER, STRUCTURAL.....	\$ 34.45	17.20
LABORER: Blaster Rock.....	\$ 28.38	9.46
LABORER: Common or General.....	\$ 16.99	2.60

LABORER: Flagger.....	\$ 10.42	1.37
LABORER: Highway/Parking Lot Striping.....	\$ 16.77	0.00
LABORER: Landscape.....	\$ 14.65	0.00
LABORER: Pipelayer.....	\$ 18.29	4.33
OPERATOR: Auger.....	\$ 26.07	0.00
OPERATOR: Backhoe.....	\$ 27.72	4.17
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 19.25	0.00
OPERATOR: Bucket.....	\$ 30.00	0.00
OPERATOR: Bulldozer.....	\$ 24.59	6.11
OPERATOR: Crane.....	\$ 23.95	3.29
OPERATOR: Drill Rig Caissons....	\$ 36.86	19.78
OPERATOR: Excavator.....	\$ 24.72	5.58
OPERATOR: Grader/Blade.....	\$ 25.16	6.97
OPERATOR: Loader.....	\$ 24.10	5.72
OPERATOR: Mechanic.....	\$ 16.92	3.44
OPERATOR: Oiler.....	\$ 29.54	16.15
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 23.43	0.00
OPERATOR: Roller.....	\$ 22.27	6.57
OPERATOR: Post Driver/Pounder....	\$ 27.24	7.90
TRUCK DRIVER, Includes all axles including Dump Trucks (Excludes Low Bed Trucks).....	\$ 17.59	2.99
TRUCK DRIVER: Low Bed Truck....	\$ 21.43	6.30

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave
for Federal Contractors applies to all contracts subject to the
Davis-Bacon Act for which the contract is awarded (and any
solicitation was issued) on or after January 1, 2017. If this
contract is covered by the EO, the contractor must provide
employees with 1 hour of paid sick leave for every 30 hours

they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

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 clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average

calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

General Decision Number: NH180045 01/05/2018 NH45

Superseded General Decision Number: NH20170045

State: New Hampshire

Construction Type: Heavy

County: Rockingham County in New Hampshire.

HEAVY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/05/2018

ELEC0490-008 06/01/2016

	Rates	Fringes
ELECTRICIAN.....	\$ 28.00	18.94

IRON0007-039 09/16/2017

	Rates	Fringes
IRONWORKER (Reinforcing and Structural).....	\$ 24.79	21.79

PLUM0131-005 06/01/2017

	Rates	Fringes
PIPEFITTER.....	\$ 32.00	21.66

SUNH2015-011 06/16/2017

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 28.17	8.09

CEMENT MASON/CONCRETE FINISHER...\$ 25.49	18.11
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....\$ 23.70	1.54
LABORER: Common or General.....\$ 18.61	4.49
LABORER: Pipelayer.....\$ 30.35	17.03
OPERATOR: Backhoe/Excavator/Trackhoe.....\$ 28.51	10.16
OPERATOR: Bulldozer.....\$ 21.70	4.09
OPERATOR: Crane.....\$ 29.91	6.60
OPERATOR: Drill.....\$ 28.78	15.26
OPERATOR: Loader.....\$ 30.49	19.06
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....\$ 27.10	5.69
OPERATOR: Roller.....\$ 23.02	4.52
PAINTER (Brush and Roller).....\$ 33.55	19.15
TRAFFIC CONTROL: Flagger.....\$ 17.24	1.54
TRUCK DRIVER: Dump Truck.....\$ 19.02	5.73

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

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 clauses

(29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

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08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

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- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
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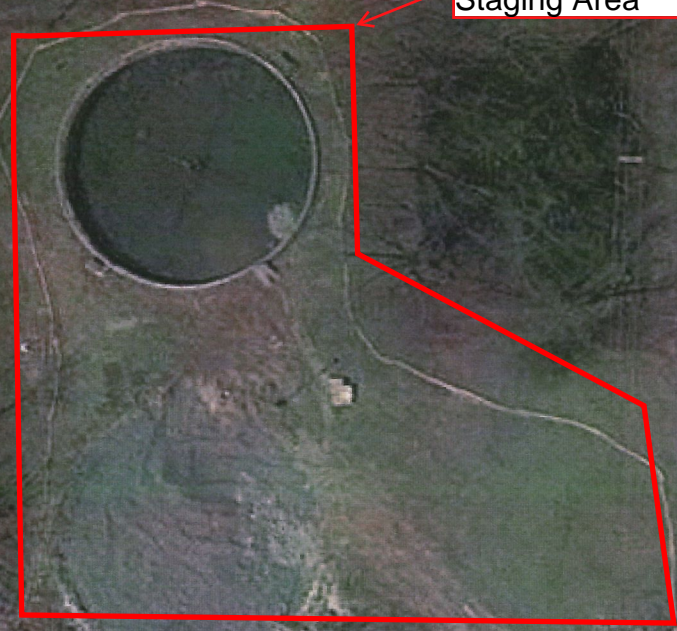
END OF GENERAL DECISION

Attachment E

Town WWTF Staging Area Schematic



Staging Area



Salem Rail Trail

SARL Dr

Staging Area

