



ADDENDUM NO. 2

Owner: Town of Gibsonville
129 W. Main Street
Gibsonville, NC 27249

Project: Town of Gibsonville – Hwy 61 Waterline Connector
AWCK Project No. 23030
NCDWI Project No. SRP-D-134-0220

*Bid Opening: (Revised) **Wednesday, January 14th, 2026 @ 2:00 PM**
129 W. Main Street
Gibsonville, NC 27249

Date: December 29, 2025

General

The following changes, additions, interpretations, and corrections are herewith made a part of the referenced project and shall take precedence over previous requirements. Contractors shall familiarize themselves with the content of this addendum, as it is a part of the contract documents.

Bidders shall acknowledge receipt of the Addendum by doing *both* of the following:

1. Fax this page to the Engineer at 336-226-3034 or email Connie Lavance (clavance@awck.com) indicating receipt of Addendum

AND

2. Acknowledge receipt on Bid Form (page BF-1R, attached with Addendum).

Project Plans/Specifications Revisions

1 – Bid Opening

Revision: Bidders are advised that the bid opening has been revised to Wednesday, January 14th, 2026 @ 2:00 pm. This revision is intended to allow more time to prepare bid submissions, given the holidays. This revised Bid Opening date shall supersede any and all other bid opening dates included in the contract documents. Last day for questions/clarifications has also been revised to Friday, January 9th.

2 – Construction Contract – Contract Time

Revision: Bidders are advised that the contract time listed on CC-1 has been revised to substation completion, including successful hydrostatic testing and chlorination on or before September 30th 2026.

3 – Bid Form – Contract Time

Revision: Bidders are advised that the bid form 'contract time of completion has been revised to substantial completion, including successful hydrostatic testing and chlorination on or before September 30th 2026.

4 – Bid Form – Bid Item #43

Revision: Bidders are advised that estimate quantity for Bid Item #43 – 30" Curb and Gutter Repair has been revised from 20 LF to 120 LF.

5 – Bid Form – Bid Item #30

Revision: Bidders are advised that estimated quantity for Bid Item #40 – 12" Gate Valves has been revised from 14 to 19.

6 – Bid Form – Bid Item #46

Revision: Bidders are advised that Bid Item #46 – 2" Blow Off Assembly has been added to the bid form. This bid item will be for all 2" blow off assemblies installed and accepted into the work, per plans and specifications.

7 – Bid Form – Bid Item #47

Revision: Bidders are advised that Bid Item #47 – Allowance for North Carolina Railroad Flaggers/Track Monitors has been added to the bid form. This allowance will be used to reimburse contractor for the direct cost for flaggers/track monitors as required for work inside of the NCRR Corridor. Reimbursement shall be in accordance with Bid Item #47 in Section 01025.

8 – Bid Form – Alternate A – Deduction Alternate

Revision: Bidders are advised that Alternate A has been added to the Bid Form. This alternate is for a reduction in unit price to install 12" DIP water line in-lieu of 16" DIP water line between STA 82+55 and STA 115+67. If accepted, payment for 12" DIP Water Line in this section will include Bid Item #20 and Alternate A.

9 – Section 01025 – Bid Item #46, #47, & Alternate A added

Revision: Bidders are advised that the aforementioned Bid Item #46, #47, and Alternate A has been added to the Measurement and Payment.

10 – Section 01025 – Bid Items #34 & #35

Revision: Bidders are advised that the inclusion of 'incidental stone' in tonnage has been removed from item #3.

11 – Plan Sheet #9

Revision: Updated Plan Sheet #9 is included, which accurately shows the bore pit location and jack and bore quantity. Previously this bore was shown correctly in the profile and bid form quantities, plan view now updated to show the location of the bore bid outside of the NCRR corridor, lengthening the jack and bore previously shown in plan view.

Questions

1 – What size blow-off assembly on the 12” and 16” lines?

Answer: Bidders are advised that although the Town detail calls for 4” assemblies on 10” water lines and greater, all blow off assemblies for this project shall be 2”.

2 – Is there a separate specification for 16” gate valves?

Answer: Bidders are advised that the Town of Gibsonville specifications for resilient wedge gate valves should be used for 16” gate valves. 16” gate valves shall be spur gearing, installed with minimum of 4’ of cover.

3 – Will the Town of Gibsonville accept a different pump manufacturer?

Answer: Yes, pending review and approval by the Town. Any submission should be made as soon as possible and allow up to 15 days for review.

4 – Who is responsible for geotechnical services?

Answer: Contractor shall be responsible for providing geotechnical services needed to comply with the Town of Gibsonville specifications.

5 – Are all easements acquired?

Answer: Not at this time. Acquisition is underway and easements are anticipated to be acquired prior to the February notice to proceed.

Additional Information

1 – Engineer’s Estimate

The updated engineer’s estimate for this project is \$5,500,000.

2 – Rock Estimation

Bidders should be advised that based on projects completed in the vicinity of this area, rock is expected to be encountered, especially at stream crossings. Estimated quantity is not exact and bidders should be familiar with Section 02322 – Rock Excavation.

3 – Summary of Addendum #2 Revisions

- Bid Opening
 - Bid Opening Revised to Wednesday, January 14th, 2026
- Contract Time
 - Contract Time of Completion revised to ‘substantial completion, including successful hydrostatic testing and chlorination on or before September 30th 2026’
- Bid Form
 - Bid Item #30 – Estimated quantity revised from 14 to 19
 - Bid Item #43 – Estimated quantity revised from 20 to 120
 - Bid Item #46 – 2” Blow Off Assembly added
 - Bid Item #47 – Allowance for NCRR Flaggers/Tack Monitors added
 - Alternate A – Deduction of price to install 12” DIP in-lieu of 16” DIP added
- Section 01025 - Measurement & Payment

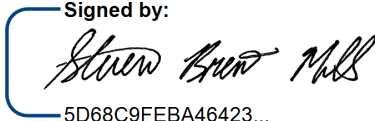
- Bid Item #34 & #35 – incidental stone removed from #3
- Bid Item #46 – 2” Blow Off Assembly added
- Bid Item #47 – Allowance for NCRR Flaggers/Track Monitors added

Plan Holders

Company Name or Firm Name	First Name	Last Name	Email	Phone Number
Dodson & Company Construction, Inc.	Preston	Massey	preston@dodsonandcompany.com	336-214-9437
Central Builders, Inc. of Mebane	Caleb	Pendergraph	caleb@centralbuildersinc.com	336-227-4551
Hollins Construction	Tony	Hollins	tony.hcsinc@gmail.com	919-761-3937
dodge	dodge	docs	dodge.docs@construction.com	513-666-3354
W.C. Construction Company, LLC	Mark	Reyes	mark@wcconstructionco.com	336-817-1707
North America Procurement Council, Inc. PBC	Erick	Johnson	bids@napc.me	302-450-1923
Jimmy R. Lynch & Sons, Inc.	Cathy	Snow	csnow@jrlynchandsons.com	336-368-4047
Breece Enterprises, Inc.	Jacob	Breece	jacob@breece-nc.com	336-688-9348
Cardinal Civil Contracting	Christian	Roth	croth@cardinalcivil.com	919-427-3273
PDC, Inc.	Shane	Abernathy	shane.abernathy@PDCperforms.com	336-382-0085
T. A. Loving Company	Michele	Carter	mcarter@taloving.com	919-734-8400
Moffat Pipe, Inc.	Omar	Urias	bids@moffatpipe.com	919-295-4630
Cable's Enterprise, LLC	H.R.	Bourland	atb-ventures@triad.rr.com	336-295-8039
Triangle Grading & Paving, Inc	Stephanie	Bass	sbass@tgandp.com	336-584-1745
Timberline Construction Group	Clay	Curtis	ccurtis@timberlinecg.com	205-937-4524
GUNTER GRADING COMPANY	TIM	GUNTER	crystal@guntersgrading.com	336-244-3413
ClearWater Inc	David	Grose	david.grose@clearwaterinc.net	828-248-7658
JF Wilkerson Contracting	Tim	Hogan	tim@jfwilkerson.com	919-501-8597
North State Water & Sewer, Inc	Rodney	Latham	rlatham@northstatews.com	336-575-3052
Town of Gibsonville	Troy	King	tking@gibsonville.net	336-449-7188
Morgan Contracting	Austin	Olhasso	estimating@morgan1.com	865-249-8640
Tencarva Machinery	Frank	Lucius	flucius@tencarva.com	336-312-3266
Metra Industries	Jennifer	DeRose	jderose@metraindustries.com	973-812-0333
Fence Builders, Inc	Robert	Shelton	rshelton@fencebuildersinc.com	336-788-9090
J&K General Contractors	Jose	mendez	jose@jkgc-us.com	910-888-8800
ConstructConnect	Marie	San Juan	marie.sanjuan@constructconnect.com	323-602-5079
Garner-Murphy Construction	Matt	Murphy	gmboring.inc@gmail.com	336-260-6814

END OF ADDENDUM No. 2

Signed by:



5D68C9FEBA46423...

S. Brent Mills, P.E.

Alley, Williams, Carmen & King, Inc.

Firm License No. F-0203

Attachments:

- Revised Construction Contract
- Revised Bid Form
- Revised Section 01025
- Revised Plan Sheet 9

CONSTRUCTION CONTRACT

THIS AGREEMENT, made the ____ day of _____ in the year 2025 by and between _____, the Party of the First Part, hereinafter called the CONTRACTOR, and the Town of Gibsonville, the Party of the Second Part, hereinafter called the OWNER.

WITNESSETH:

That for and in consideration of the payments and agreements to be made and performed by the OWNER, the CONTRACTOR at its own proper cost and expense and with skill and diligence, will construct and complete all work included in a Construction Contract for the construction of:

Town of Gibsonville – Hwy. 61 Waterline Connector
Contract Amount of _____

In accordance with Contract Documents, and in full compliance with this Agreement the CONTRACTOR agrees to receive the prices stated in the Proposal attached to be full compensation for furnishing all labor, materials and equipment necessary to execute all the work contemplated in this Construction Contract.

The work on the site is to be commenced when directed by the ENGINEER, and to be diligently prosecuted to substantial completion, including successful hydrostatic testing and chlorination on or before September 30th 2026 within.

It is agreed by and between both parties to this Construction Contract that the ENGINEER shall in all cases determine the quantity of the several kinds of work and materials which are to be paid for under this Construction Contract, and he shall determine all questions in relation to lines, levels and dimensions of the work and as to the interpretation of the plans and specifications. Payment shall be made in accordance with provisions as outlined in the Proposal.

The Contract Documents shall consist of the following:

- Table of Contents
- Bidding Requirements
- Contract Forms
- Conditions of Contracts
- Division 1 – General Requirements
- Division 2 – Site Work
- Specifications
- Drawings Entitled: Town of Gibsonville – Hwy. 61 Waterline Connector

IN WITNESS WHEREOF, Owner and Contractor have signed this Contract.

This Contract will be effective on _____ (which is the Effective Date of the Contract).

OWNER:

CONTRACTOR:

By: _____

Leonard Williams

Title: Mayor

Attest: _____

Ben Baxley

Title: Town Manager

Address for giving notices:

740 Chapel Hill Road

P.O. Box 1179

Burlington, NC 27216

Seal

By: _____

Title: _____

*(If Contractor is a corporation, a partnership, or
a joint venture, attach evidence of authority to
sign.)*

Attest: _____

Title: _____

Address for giving notices:

License No.: _____

(where applicable)

Seal

(where applicable)

BID FORM

PROJECT IDENTIFICATION:

**Town of Gibsonville
Hwy. 61 Waterline Connector**

THIS BID IS SUBMITTED TO:

**Town of Gibsonville
129 W. Main Street
Gibsonville, NC 27249
Attention: Mr. Ben Baxley, Town Manager**

1. The undersigned bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with the Owner in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents within the specified time and for the amount indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.
2. Bidder accepts all terms and conditions of the invitation to Bid and the Instructions to Bidders, including without limitation those dealing with the disposition of bid security. This Bid will remain subject to acceptance for 120 calendar days after the day of bid opening. Following Owner's Notice of Award, Bidder will submit signed Contract Documents with proper Bonds, Insurance Certificates, etc., within fourteen (14) calendar days of receipt.
3. In submitting this Bid, Bidder represents that:
 - a. Bidder has examined copies of all the Bidding Documents and of the following Addenda (receipt of all which is hereby acknowledged):

No. <u> 1 </u> Dated <u>December 11, 2025</u>	No. <u> </u> Dated <u> </u>
No. <u> 2 </u> Dated <u>December 26, 2025</u>	No. <u> </u> Dated <u> </u>
No. <u> </u> Dated <u> </u>	No. <u> </u> Dated <u> </u>
 - b. Bidder has visited the site and become familiar with and satisfied itself as to the general, local and site conditions that may affect cost, progress, performance and furnishing of the Work.
 - c. Bidder is familiar with and has satisfied itself as to all Federal, State and Local Laws and Regulations that may affect cost, progress, performance and furnishing of the Work.
 - d. Bidder acknowledges Owner and Engineer do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bidding Documents with respect to underground facilities at or contiguous to the site.

- e. Bidder is aware of the general nature of Work to be performed by Owner and others at the site that relates to Work for which this Bid is submitted as indicated in the Contract Documents.
 - f. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.
 - g. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Contract Documents and the written resolution thereof by Engineer is acceptable to Bidder, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.
 - h. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm or corporation to obtain for itself any advantage over any other Bidder or over Owner.
4. Bidder will complete the Work for the following prices:

Hwy. 61 Waterline Connector

Item No.	Description	Estimated Quantity	Unit	Unit Price	Bid Amount
1	Mobilization, including performance and payment bonds as directed in the Contract Documents.	1	LS	\$	\$
2	Traffic Control	1	LS	\$	\$
3	Clearing, Grubbing, and Debris Removal	1	LS	\$	\$
4	Seeding and Mulching, including complete restoration of all disturbed areas to preconstruction conditions or better.	1	LS	\$	\$
5	Temporary Construction Entrance, including installation, maintenance, and removal	3	EA	\$	\$
6	Silt Fence, NCDOT Std. 1605.01, including stone, storage, excavation, maintenance and removal	4,340	LF	\$	\$
7	Silt Fence Outlet	40	EA	\$	\$
8	Rock Pipe Inlet Sediment Trap Type 'A', NCDOT Std. 1635.01	15	EA	\$	\$

Item No.	Description	Estimated Quantity	Unit	Unit Price	Bid Amount
9	Excelsior Matting, complete in place	150	SY	\$	\$
10	Coir Fiber Wattles	28	EA	\$	\$
11	Class B Rip Rap for Erosion Control, complete in place.	10	TN	\$	\$
12	Stabilization Stone, including undercut excavation below pipe bedding as authorized by Engineer	200	TN	\$	\$
13	Incidental Stone, complete in place	200	TN	\$	\$
14	Connection to Existing 12" & 8" DIP Water Main at STA 0+00, including all work between STA 0+0 and STA 1+40. Including installation of Deadman, connection to existing pipes, 12" DIP, Mega-lugs, fittings, blocking, backfill, and testing. Complete in place.	1	LS	\$	\$
15	Connection to Existing 6" DIP Water Main at STA 71+00, Including installation of connection to existing pipe, Mega-lugs, fittings, blocking, backfill, and testing complete in place	1	LS	\$	\$
16	Connection to Existing 8" DIP Water Main at STA 80+40, including confirmation of existing utilities, Full Body Tapping Sleeve and Valve, 8"x8", connection to existing pipe, Mega-lugs, fittings, blocking, backfill, and testing. Complete in place.	1	LS	\$	\$
17	Connection to Existing 8" DIP Water Main at 90 STA 82+20 ,03+20 including confirmation of existing utilities, Tie into existing 8" Gate Valve, including Mega-lugs, fittings, blocking, backfill, and testing. Complete in place.	1	LS	\$	\$
18	12" DIP, Class 50, including pipe, bedding, backfill, blocking, and testing; complete in place as directed by Engineer.	8,075	LF	\$	\$

Item No.	Description	Estimated Quantity	Unit	Unit Price	Bid Amount
19	12" Restrained Joint DIP, Class 50, including pipe, bedding, backfill, blocking, and testing.	80	LF	\$	\$
20	16" Special, Class 50, including pipe, bedding, backfill, blocking, and testing; complete in place.	3,335	LF	\$	\$
21	8" DIP, Class 50, including pipe, bedding, backfill, blocking, and testing; complete in place as directed by Engineer.	40	LF	\$	\$
22	6" DIP, Class 50, including pipe, bedding, backfill, blocking, and testing; complete in place as directed by Engineer.	30	LF	\$	\$
23	Bore and Jack Road Crossing at STA 1+25, including 12", Class 50 restrained joint DIP, 24" steel casing - Nominal thickness 0.25"- spacers, end seals, bore and receiving pit excavation/ backfill. Complete in place. Shall be a guaranteed bore.	30	LF	\$	\$
24	Bore and Jack Stream Crossing at STA 23+00, including 12", Class 50 restrained joint DIP, 24" steel casing - Nominal thickness 0.25"- spacers, end seals, bore and receiving pit excavation/ backfill. Complete in place. Shall be a guaranteed bore.	100	LF	\$	\$
25	Bore and Jack Road Crossing at STA 54+00, including 12", Class 50 restrained joint DIP, 24" steel casing - Nominal thickness 0.25"- spacers, end seals, bore and receiving pit excavation/ backfill. Complete in place. Shall be a guaranteed bore.	40	LF	\$	\$
26	Bore and Jack NCRR Crossing at STA 81+00, including 16", Class 56 restrained joint DIP, 30" steel casing - Nominal thickness 0.47"- spacers, end seals, bore and receiving pit excavation/ backfill. Complete in place. Shall be a guaranteed bore.	212	LF	\$	\$
27	Booster Pump Station & Site Accessories, including all itmes, installed and complete in place, betginning after 12" valves shown at STA 54+75 & STA 54+90. Unit Price shall include clearing, grubbing, all equipment, foundations, fence, gate, landscaping, and driveway as shown.	1	LS	\$	\$

Item No.	Description	Estimated Quantity	Unit	Unit Price	Bid Amount
28	Compact Ductile Iron Fittings: complete in place as directed by the Engineer. Poundage excludes mega-lugs, backfilling, and other incidental project items.	6,000	LB	\$	\$
29	6" Gate Valve, including valve box and extension, complete in place as directed by the Engineer. Including Mega-Lugs as Drawn.	1	EA	\$	\$
30	12" Gate Valve, including valve box and extension, complete in place as directed by the Engineer. Including Mega-Lugs as Drawn.	19	EA	\$	\$
31	16" Gate Valve, including valve box and extension, complete in place as directed by the Engineer. Including Mega-Lugs as Drawn	10	EA	\$	\$
32	Fire Hydrant, bury as shown, including lead, fittings, bedding, backfill, footing, final adjustment, and gate valve; complete in place as directed by the Engineer.	6	EA	\$	\$
33	Air Relief Valve in 5'Ø Manhole, including 5' precast manhole, 4" air release valve assembly and fittings, complete in place	2	EA	\$	\$
34	Bituminous Concrete Base Course, Type B25.0 B	190	TN	\$	\$
35	Bituminous Concrete Surface Course, Type S9.5 B	90	TN	\$	\$
36	Concrete Driveway Repair, 6" thick per NCDOT specifications, complete in place	165	SY	\$	\$
37	Chain Link Fence Removal and Replacement, complete in place	375	LF	\$	\$
38	NCRR Pipeline Sign, installed at entrance, exit, and change of direction of pipeline on NCRR corridor, complete in place	1	EA	\$	\$
39	15" RCP Storm Sewer, per NCDOT specifications, complete in place	180	LF	\$	\$
40	18" RCP Storm Sewer, per NCDOT specifications, complete in place	20	LF	\$	\$
41	16' Metal Cattle Gate, NCDOT Std. 866.04, complete in place per NCDOT specifications	4	EA	\$	\$
42	4'-10" Woven Wire Fence, NCDOT Std. 866.03, complete in place per NCDOT	160	LF	\$	\$

Item No.	Description	Estimated Quantity	Unit	Unit Price	Bid Amount
43	30" Curb & Gutter Repair, per City of Gibsonville Standards, complete in place	120	LF	\$	\$
44	Rock Excavation, including disposal of unsuitable material and replacement with suitable material, blast monitoring, pre- & post-blast survey, as approved by Engineer (\$30/CY minimum bid)	1,200	CY	\$	\$
45	Borrow Material	250	CY	\$	\$
46	2" Blow Off Assembly, per Town of Gibsonville Specifications, installed and complete in place	2	EA	\$	\$
47	Allowance for North Carolina Railroad Flaggers/Track Monitors	1	LS	\$150,000.00	\$150,000.00

TOTAL BASE BID

\$

5. Bidder agrees that the Work covered by the section or sections included in the contract award will be completed within the following number of days after the date when the Contract time commences to run as provided in Paragraph 4.01 of the General Conditions. Completion shall mean completed and ready for final payment in accordance with Paragraph 15.03 of the General Conditions.

Contract Time of Completion:	Water Line to be substantially completed, including successful hydrostatic testing & chlorination on or before September 30 th , 2026
------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------

Bidder also agrees that should the Bidder fail to accept a Contract if awarded to them, or default on any other provisions of a Contract Award, the cash, certified check, or Bid Bond attached hereto shall become the property of the Owner as ascertained as Liquidating Damages for such default.

6. Communications concerning this Bid shall be sent to Bidder at the following address:

7. The terms used in this Bid, which are defined in the General Conditions included as part of the Contract Documents, have the meanings assigned to them in the General Conditions.
8. Bidder acknowledges that estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities provided, determined as provided in the contract documents.

9. Bidder accepts the provisions of the Agreement as to Liquidated Damages in the event of failure to complete the work within the times specified above, which shall be stated in the Agreement. Bidder agrees that as Liquidated Damages for delay (but not as a penalty), Bidder shall pay Owner **One-Thousand Dollars (\$1,000.00)** for each day that expires after the time specified and in accordance with the Agreement.
10. The following documents are attached to and made a condition of the Bid:
 - A. Required Bid security in the form of Bid Bond – Certified Check (circle type of security provided);
 - B. Bidder is instructed to complete the Contractor's Qualification Statement; see pages QS-1 to QS-3;
 - C. Bidder is instructed to complete either Affidavit A (pages MBE 10 and 11) or Affidavit B (page MBE-12).
 - D. Bidder is instructed to complete the Affidavit of Compliance with N.C. E-Verify Statues; see page 000500-1.
 - E. Bidder is instructed to complete the Iran Divestment Act Certification; see page IDA-1.

SIGNATURE OF BIDDER

Contractor's License Number _____

License Expiration Date _____

If an Individual

By _____
(Signature of Individual)

doing business as _____

Business address _____

Phone No. _____ Date _____, 20____

If a Partnership

By _____
(Firm Name)

(signature of general partner)

Business address _____

Phone No. _____ Date _____, 20____

If a Corporation

By _____
(Corporation Name)

(signature of authorized person)

(title)

Business address _____

Phone No. _____ Date _____, 20____

Fax No. _____

END OF SECTION

SECTION 01025 – MEASUREMENT AND PAYMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A.** Drawings and general provisions of the Contract, including General and Supplementary Conditions and Divisions 1 and 2 Specification Sections, apply to this Section.

1.2 SUMMARY

- A.** This Section specifies the measurement and payment of the contract unit prices for the project.
- B.** Related Sections include the following:
 - 1. “Bid Form” for unit price quantities and bid amounts.
 - 2. Division 1 Section "Application for Payment”.
 - 3. Division 2 – all Sections.

1.3 GENERAL

- A.** The bid items shown in the Bid Form have been created solely for the purpose of comparison of bids and for use in the preparation of monthly Applications for Payment. Quantities shown thereon must be considered as approximate only.
- B.** Basis for payment and unit of measurement for the work under this contract shall be in accordance with the following and shall include furnishing all labor, tools, equipment and materials required to construct the improvements in the manner specified including but not limited to all types of excavation, trenching, shoring, pumping, pipe installation, testing, backfilling, repairs, surface restoration and all other items necessary to complete the work as specified.
- C.** All work shown on the plans herein specified or implied in any way on the drawings or specifications shall be done regardless of whether or not the work is specifically defined in any bid item.
- D.** The non-utilization or partial utilization of any bid item shall not serve as a claim for any contract or unit price adjustment as the Contractor shall be paid the unit price bid for the number of units actually incorporated and accepted into the work.
- E.** Payment and measurement will be based on this Section.
- F.** Payment for lump sum items will be paid based on a percent complete basis determined by the Engineer.

1.4 PAY ITEMS

A. Bid Item #1 – Mobilization

1. Payment for Mobilization will be paid for at the contract lump sum price for “Mobilization”. No additional payment will be made for insurance, bonds or additional items associated with project start-up, etc. since the work is included in the lump sum bid for Mobilization.
2. No additional payment will be made for additional mobilizations during the project to comply with asphalt pavement repair requirements. Per plans and specifications, temporary trench repairs are not to exceed 2 weeks or 1,000 LF, whichever is reached first.
3. Partial payments for the item of “Mobilization” will be made with the first and second Application for Payments paid on the contract and will be made at the rate of 50% of the lump sum price for “Mobilization” on each of these Application for Payments, provided the amount bid does not exceed 5% of the total amount bid for the project. Where the amount bid for “Mobilization” exceeds 5% of the total bid, 2-1/2% of the total amount bid will be paid on each of the first two Applications for Payment, and that portion exceeding 5% will be paid on the final Application for Payment.

B. Bid Item #2 – Traffic Control

1. Payment for traffic control will be paid for at the contract unit price for “Traffic Control” and will be full compensation for all work described in the contract documents. The contractor shall provide new signs or signs in very good and legible condition. The contractor shall provide all necessary personnel and equipment for traffic control.
2. The contractor shall abide by N.C.D.O.T. and MUTCD standards and guidelines. The contractor will provide and maintain and other devices necessary for traffic control including, but not limited to: stop/slow paddles, vests, cones, barrels, arrow boards as required, and any other resources, equipment, or personnel to safely route traffic around the contractors’ work zone.

C. Bid Item #3 – Clearing, Grubbing, and Debris Removal

1. Payment for clearing and grubbing will be paid for at the contract lump sum for “Clearing and Grubbing and Debris Removal” and will be full compensation for all work described in the contract documents.
2. No additional payment will be made for tree removal, stump grinding, landscaping removal, disposal and replacement, are they considered to be incidental to the work and should be included in the unit price.
3. Partial payments will be made based on the percentage of work completed to date as determined by the Engineer.

D. Bid Item #4 – Seeding and Mulching

1. Payment for seeding and mulching will be paid for at the contract lump sum price for “Seeding and Mulching”. No additional payment will be made for seedbed preparation, seed, fertilizer, lime, or repair seeding to completely restore disturbed areas to preconstruction condition or better, since the work is considered incidental to the work and is to be included in the contract lump sum price.

E. Bid Item #5 – Temporary Construction Entrance, including installation, maintenance, and removal

1. Payment for temporary construction entrance and will be paid for at the contract unit price for each temporary construction entrance incorporated and accepted into the work. Payment will be full compensation for all work described in the contract documents and as shown on the plans or in the details for “Temporary Construction Entrance”.
2. No additional payment will be made for excavation, stone, filter fabric, storm drain, or any other materials or items necessary to construct the temporary construction entrance since the work is considered incidental to the work and is to be included in the unit price bid.
3. No additional payment will be made for maintenance or removal of temporary construction entrance since the work is to be included in the unit price bid.

F. Bid Item #6 – Silt Fence, NCDOT Std. 1605.01, including stone, storage excavation, maintenance and removal.

1. Payment for silt fence will be based on the actual number of linear feet incorporated and accepted into the work and measured to the nearest 1.0 foot.
2. No additional payment will be made for clean stone, storage excavation, posts, ties, maintenance and removal since the work is considered incidental to the work and is to be included in the unit price bid.
3. No additional payment for clean stone used to install silt fence outlets will be made as it is considered incidental to the work included in Items No. 7 and 8, paragraph E.
4. Payment for silt fence will be made at the contract unit price per linear foot for “Silt Fence” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

G. Bid Item #7 – 5’ Stone Filter Outlet

1. Payment for silt fence outlets will be based on the actual number of silt fence outlets installed and accepted into the work.
2. No additional payment will be made for storage excavation, stone, maintenance and removal since the work is considered incidental to the work and is to be included in the unit price bid.
3. Payment for silt fence outlet will be made at the contract unit price for each “Silt Fence Outlet” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

H. Bid Item #8 – Rock Pipe Inlet Sediment Trap Type ‘A’ NCDOT STD. 1635.01

1. Payment for Rock Pipe Inlet Sediment Trap Type ‘A’ NCDOT STD. 1635.01 will be based on the actual number of silt fence outlets installed and accepted into the work.
2. No additional payment will be made for storage excavation, stone, maintenance and removal since the work is considered incidental to the work and is to be included in the unit price bid.
3. Payment Rock Pipe Inlet Sediment Trap Type ‘A’ NCDOT STD. 1635.01 outlet will be made at the contract unit price for each “Rock Pipe Inlet Sediment Trap Type ‘A’ NCDOT STD. 1635.01” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

I. Bid Item #9 – Excelsior Matting

1. Payment for excelsior matting installation will be based on the actual number of square yards incorporated and accepted into the work and measured to the nearest 0.1 square yard.
2. No additional payment will be made for staples or other work required to install erosion control blankets since the work is considered incidental to the work and is to be included in the unit price bid.
3. Payment for excelsior matting installation will be made at the contract unit price per square yard for “Excelsior Matting” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

J. Bid Item #10 – Coir Fiber Wattles

1. Measurement for the installation of wattles for erosion control will be based on the actual number of linear feet of wattle incorporated and accepted into the work measured to the nearest linear foot.
2. No additional payment will be made for overlapping wattles, wooden stakes, anchor pins, etc., as it is considered incidental to the work and is to be included in the unit price bid.
3. Payment for wattles will be made at the contract unit price per linear foot for “Wattles” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

K. Bid Item #11 – Class B Rip Rap for Erosion Control

1. Rip rap used for crossings or check dams will be paid for at the contract unit price per ton “Class B Rip Rap for Erosion Control Devices” incorporated and accepted into the work.
2. Payment will be based on the actual number of tons based on quarry tickets. Quarry tickets shall be given to the inspector at time of delivery and the payment item will be marked on the ticket. Tickets not given to the inspector will not be paid for. Stone wasted or not used in the opinion of the inspector shall be deducted from the quarry tickets.
3. When directed by the Engineer, Contractor shall remove erosion control devices. Rip rap from removed erosion control devices shall be used to stabilize the outlets of storm sewer pipes, and to stabilize areas as shown on the plans or as directed by the Engineer.
4. No additional payment will be made for excavation of accumulated sediment, maintenance of erosion control devices and removal of erosion control devices since the work is considered incidental to the work and is to be included in the unit price bid.
5. Payment for stone for erosion control devices will be made at the contract unit price per ton for “Class B Rip Rap for Erosion Control Devices” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

L. Bid Item #12 – Stabilization Stone

1. Stabilization Stone is defined as stone installed for pipe installation where in the opinion of the Engineer, the soil is unsuitable and ordered removed.
2. Payment will be based on the actual number of tons based on quarry tickets. Quarry tickets shall be given to Resident Project Representative at time of delivery and pay item will be marked on the ticket. Tickets not given to Resident Project Representative will not be paid for. Stone wasted or not used in the opinion of the Resident Project Representative shall be deducted from the quarry tickets.
3. No additional payment will be made to undercut the proposed storm drainpipe or to dispose of the unsuitable materials since the work is considered incidental to the work and is to be included in the unit price bid.

4. Payment for installation of stabilization stone will be paid for at the contract unit price per ton for “Stabilization Stone” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

M. Bid Item #13 – Incidental Stone

1. Incidental stone is defined as stone used for temporary or permanent driveway replacement stone, used in parking lots/areas, roadway shoulder, temporary replacement of roadway pavement or as otherwise directed by the Resident Project Representative. No direct payment will be made for stone screenings used on roadways. Stone will be ABC stone, #57 stone, or other type stone as needed or directed. Stone replaced on unpaved areas or graveled areas will generally need to be the same type of stone as existing type.
2. Payment will be based on the actual number of tons based on quarry tickets. Quarry tickets shall be given to the inspector at time of delivery and the payment item will be marked on the ticket. Tickets not given to Resident Project Representative will not be paid for. Stone wasted or not used in the opinion of the Resident Project Representative shall be deducted from the quarry tickets.
3. No additional payment will be made to backfill, compact stone, etc. in NCDOT roadway and driveways or to dispose of the excavated materials since the work is considered incidental to the work and is to be included in the unit price bid. No direct payment will be made for screenings used on the roadway to keep soil or other matter off the pavement.
4. Payment for installation of incidental stone will be paid for at the contract unit price per ton for “Incidental Stone” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

N. Bid Item #14 – Connection to Existing 8” Water Line between STA 0+00 and STA 1+40

1. Payment for Bid Item #14 shall include all materials and labor cost necessary to connect to the existing 12” DIP & 8” DIP water mains between STA 0+00 and STA 1+40 as shown on plans.
2. Limits of bid item shall begin at installation of new thrust restraint deadman and include a minimum of 140 LF of 12” class 50. Including 12” DIP extended from new gate valve up to connection to existing 8” DIP waterline, including all fittings, blocking, etc. as necessary to make connection.
3. Payment for gate valve at jack and bore under NC61 shall not be included in this bid item. Payment for 12” gate valve at this location will be paid separately.
4. Payment shall include connection of existing of Fire hydrant to new 12” Ductile Iron Water Main.
5. No additional payment will be made for excavation, dewatering, bedding, restrained joint ductile iron pipe, gate valves, deadman thrust restraint, setting of valve box, concrete blocking, removal and disposal of existing 8” water pipe, testing or any other work necessary to make the connection since the work is considered to be included in the unit price bid.
6. Payment for connection to the existing water line will be made at the contract unit price for each “Connection to Existing Water Line at STA 0+00 and STA 1+40” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

O. Bid Item #15 – Connection to Existing 6" DIP Water Main at STA 71+00

1. Payment for connections to existing water line will be based on the actual number of connections incorporated and accepted into the work. Payment will be full compensation for all work described or shown in the contract documents.

2. No additional payment will be made for excavation, dewatering, bedding, full body tapping sleeve, tapping valve, setting of valve box, concrete collar, concrete blocking, testing or any other work necessary to make the connection since the work is considered to be included in the unit price bid.
3. Payment for connection to the existing water line will be made at the contract unit price for each “Connection to Existing Water Line at STA 71+00” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

P. Bid Item #16 – Connection to Existing 8" DIP Water Main at STA 80+40

1. Payment for connections to existing water line will be based on the actual number of connections incorporated and accepted into the work. Payment will be full compensation for all work described or shown in the contract documents.
2. No additional payment will be made for excavation, dewatering, bedding, full body tapping sleeve, tapping valve, setting of valve box, concrete collar, concrete blocking, testing or any other work necessary to make the connection since the work is considered to be included in the unit price bid.
3. Payment for connection to the existing water line will be made at the contract unit price for each “Connection to Existing Water Line at STA 80+40” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

Q. Bid Item #17 – Connection to Existing 8" DIP Water Main STA 82+20, 03+20

1. Payment for connections to existing water line will be based on the actual number of connections incorporated and accepted into the work. Payment will be full compensation for all work described or shown in the contract documents.
2. No additional payment will be made for excavation, dewatering, bedding, full body tapping sleeve, tapping valve, setting of valve box, concrete collar, concrete blocking, testing or any other work necessary to make the connection since the work is considered to be included in the unit price bid.
3. Payment for connection to the existing water line will be made at the contract unit price for each “Connection to Existing Water Line at STA 82+20” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

R. Bid Items #18 - #22 – ___” Ductile Iron Pipe

1. Payment for Ductile Iron Water Main will be based on the actual number of linear feet of ductile iron pipe incorporated and accepted into the work and measured to the nearest 0.1 linear foot.
2. No additional payment will be made for saw cutting pavements, excavation (except for rock excavation), backfilling, dewatering, etc., joint restraint as required on the plans or in the specifications, testing or chlorination required to install the ductile iron pipe, since the work is considered incidental to the work and is to be included in the unit price bid.
3. No additional payment will be made for the trench type identified on bid form or on plans, as this work is considered incidental and is to be included in each unit price bid.
4. No additional payment will be made for existing meter or fire hydrant relocations necessary to install the water line, as this is considered incidental to the work and should be included in the unit bid price. Owner, Engineer, or Project Field Representative shall approve any relocation of existing utilities prior to moving.
5. Payment for Ductile Iron Water Mains will be made at the contract unit price per linear foot incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

S. Bid Item #23 - #26 – Bore and Jack Crossing (guaranteed bores)

1. Payment for Bore and Jack Crossings will be based on the actual linear footage of waterline installed and accepted into the work installed using boring and jacking construction methods.
2. The unit price bid shall include restrained joint ductile iron pipe installed inside steel casing pipe, steel casing pipe, support spiders as detailed in the construction documents, and end seals per NCDOT/NCRR standards. Bores shall be guaranteed.
3. No additional payment will be made for excavation and backfilling of bore pits and receiving pits, pavement demolition required for pit installation, and connection to existing and/or proposed waterlines as the work is considered incidental to the work and is to be included in the unit price bid.
4. No additional payment will be made for dewatering which may be required, as the work is considered incidental to the work and is to be included in the unit price bid.
5. Payment for Bore and Jack Road Crossings will be made at the contract unit price for each crossing incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

T. Bid Item #27 – Booster Pump Station & Site Accessories

1. Payment for all work required to furnish and install the Packaged Booster Pump Station will be paid for at the contract lump sum for “Booster Pump Station & Site Accessories” and will be full compensation for all work described in the contract documents.
2. The price bid shall include all labor, materials, and equipment necessary to install the booster pump station as shown and detailed on plans, including all electrical, mechanical, and structural components that make up the Packaged Booster Pump Station.
3. The price bid shall include all site improvements relative to the booster station as shown and detailed on plans, including: site grading, storm drain piping, driveway/entrance, fencing, gate, screening, landscaping, seeding and matting slopes, etc.
4. The price bid shall include all costs associated with furnishing and installing the check valve vault adjacent to the booster pump station, including check valve, flange restraints, and vault.
5. The price bid shall include all costs associated with connecting the watermain to the suction and discharge connection points on the Packaged Booster Pump Station, in accordance with the limits shown on the drawings. No additional payment will be made for piping, fittings, thrust blocking, etc. from the gate valves adjacent to the watermain to the booster pump station as the work is considered incidental to the work and is to be included in the unit price bid.
6. No additional payment will be made for clearing, grubbing, dewatering, disposing, grading, connection to existing waterline, setup, testing, etc. as the work is considered incidental to the work and is to be included in the unit price bid.
7. No additional payment will be made for dewatering which may be required, as the work is considered incidental to the work and is to be included in the unit price bid.
8. The price bid shall include all start-up and testing of equipment as described in the bid documents.
9. Partial payments will be made based on percentage of work completed to date as determined by the Engineer.

U. Bid Item #28 – Compact Ductile Iron Fittings

1. Payment for ductile iron compact fittings will be based on the following weights for each type of fitting and will be based on the actual number of fittings incorporated and accepted into the work.

<u>Description</u>	<u>Weight</u>	<u>Description</u>	<u>Weight</u>
16" – 90° Bend Compact	264#	16" Tapped Plug Compact	95#
16" – 11.25° Bend Compact	162#	16" x 6" Hyd. Tee, Compact	229#
12" – 90° Bend Compact	124#	12" x 6" Hyd. Tee, Compact	128#
12" – 45° Bend Compact	101#	12" x 12" Tee, Compact	165#
12" – 22.5° Bend Compact	85#	16" x 8" Tee, Compact	248#
12" – 11.25° Bend Compact	73#	16" x 16" Tee, Compact	323#
8" – 90° Bend Compact	61#	12" x 6" Reducer, Compact	82#
8" – 22.5° Plug Compact	44#	12" x 8" Reducer, Compact	85#
6" – 90° Plug Compact	44#	16" x 8" Reducer, Compact	132#
12" Plug Compact	46#	16" x 12" Reducer, Compact	125#
		12" x 16" Increaser, Compact	125#

- No additional payment will be made for excavation, bedding, megalugs, backfilling, testing, chlorination, etc., since the work is considered incidental to the work and is to be included in the unit price bid per pound.
- Payment for compact ductile iron fittings will be paid for at the contract unit price per pound for "Compact Ductile Iron Fittings" (based on the above unit weights) incorporated and accepted into the work and will be full compensation for all work described in the Contract Documents. The Owner reserves the right to change the fittings as necessary to accommodate field conditions, or to add fittings using the above unit weights as basis for payment.

V. Bid Items #29 -#31 – " Valves

- Payment for gate valves will be paid for at the contract unit price for each gate valve size incorporated and accepted into the work. Payment will be full compensation for all the work described in the contract documents.
- No additional payment will be made for excavation, bedding, megalugs, backfilling, setting of valve box, concrete collar, testing, chlorination, etc. since the work is to be included in the unit price bid.
- Payment for Gate Valves will be made at the contract unit price per each incorporated and accepted into the work and there will be full compensation for all the work described in the contract documents.

W. Bid Item #32 – Fire Hydrant

- Payment for fire hydrant installation will be based on the actual number of fire hydrants incorporated and accepted into the work. Payment will be full compensation for all worked described in the Contract Documents.
- Fire hydrant installation shall include a fire hydrant with 5 ¼" valve opening (4' - 6" bury), excavation, connection to existing pipe stubbed off main, Class "B" concrete collar and blocking, stone, ___" DIP Class 50 pipe hydrant leg ___" mega lugs, hydrant tee, valve, and painting of hydrant after installation.
- Hydrant extensions, above the 4' - 6" bury depth, required to install the hydrant at proper grade shall be considered incidental to the work and included in the unit price.
- Hydrant Extensions shall be the same manufacturer as the Fire Hydrant installed upon.
- Payment for fire hydrant installation will be paid for at the contract unit price for each "Fire Hydrant" incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

X. Bid Item #33 – Air Release Manhole and Valve

1. Payment for air release manholes and valves will be paid for at the contract unit price for each air release manhole and valve incorporated and accepted into the work. Payment will be full compensation for all work described in the contract documents and as shown on the plans or in the details for “Air Release Manhole”.
2. No additional payment will be made for the tee, excavation, bedding, manhole, valve, manhole ring and cover, check valve, vent (where noted on plans) connection to water main, testing, or any other materials or items necessary to place the valve into operation, etc. since the work is to be included in the unit price bid.

Y. Bid Item #34 & #35 – Bituminous Concrete Base and Surface Course

1. Measurement for Bituminous Concrete Base Course B25.0 B and Surface Course S9.5 B will be based on the actual tons of asphalt placed and accepted into the work. Work includes fine grading, removal of temporary stone, saw cutting and removal of existing pavement and placement of new pavement.
2. Payment for Bituminous Concrete Surface/Base Course will be based on installation per 2020 NCDOT standards, including lift thickness and compaction requirements.
3. Payment for asphalt will be based on the actual number of tons of asphalt placed and accepted into the work.
4. Asphalt placement will be paid at the contract unit price per ton for “Bituminous Concrete Base Course Type B 25.0B and Bituminous Concrete Surface Course Type S 9.5B” based on tickets provided by the asphalt supplier to the nearest 0.01 ton.
5. No additional payment will be made for proof roll, tack coat, testing or other work described in the contract documents.

Z. Bid Item #36 – Concrete Driveway Repair

1. Payment for driveway repairs will be based on the actual number of square yards incorporated and accepted into the work and measured to the nearest 0.1 square yard.
2. No additional payment will be made for excavation, disposal of material, saw cutting, placement of new material, compaction, finishing, curing, etc., since the work is considered incidental and is to be included in the unit price bid. No additional payment will be made for maintenance or additional stone used to maintain cut.
3. Payment for driveway repair will be made at the contract unit price per square yard price for “Driveway Repairs” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

AA. Bid Item #37 – Chain Link Fence Removal and Replacement

1. Payment for Chain Link Fence Removal and Replacement will be based on the actual number of linear feet incorporated and accepted into the work and measured to the nearest 0.5 foot.
2. Permanent fence is to be of like materials and of equal or better quality than the fence that it is replacing.
3. No additional payment will be made for temporary fence, hardware, post, or other work required to install the fence since the work is considered incidental to the work and is to be included in the unit price bid.
4. Payment will be made at the contract unit price per linear foot for “Chain Link Fence Removal and Replacement” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

BB. Bid Item #38 – NCRR Pipeline Sign

1. Payment for NCRR Pipeline Sign will be based on the actual number of NCRR approved signs installed and accepted into work.
2. No additional payment will be made for excavation or work associated with the installation of signs as this work is considered to be incidental and is to be included in the unit price bid.
3. Locations of sign placements will be staked by Owner prior to installation and shall be at entry points of pipelines into NCRR corridor and at any changes in direction of the pipe within the corridor.
4. Payment will be made at the contract unit price per linear foot for “NCRR Pipeline Sign” incorporated and accepted into the work and will be full compensation for all work described in the contract documents. Payment will be made at the contract unit price per linear foot for “NCRR Pipeline Sign” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

CC. Bid Item #39 - #40 – __” RCP Storm Sewer

1. Payment for RCP will be based on the actual number of linear feet of pipe incorporated and accepted into the work and measured to the nearest linear foot.
2. No additional payment will be made for saw cutting pavements, excavation, backfilling, dewatering as required on the plans or in the specifications, the work is considered incidental to the work and is to be included in the unit price bid
3. Payment for RCP will be made at the contract unit price per linear foot incorporated and accepted into the work and will be full compensation for all the work described in the contract documents.

DD. Bid Item #41– 16’ Metal Cattle Gate

1. Payment for 16’ Metal Cattle Gate will be based on the actual number of Metal Cattle Gates installed and accepted into work.
2. No additional payment will be made for excavation or work associated with the installation of gates as this work is considered to be incidental and is to be included in the unit price bid.
3. Locations of gate placements will be staked by Owner prior to installation and shall be at entry points of easements traveling across private properties.
4. Payment will be made at the contract unit price per 16” Metal Cattle Gate incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

EE. Bid Item #42 – 4’-10” Woven Wire Fence

1. Payment for Woven Wire Fence will be based on the actual linear feet of Woven Wire Fence installed and accepted into work measured to the nearest 0.5 foot.
2. No additional payment will be made for excavation or work associated with the installation of fence as this work is considered to be incidental and is to be included in the unit price bid.
3. No additional payment will be made for temporary fence, hardware, post, or other work required to install the fence since the work is considered incidental to the work and is to be included in the unit price bid.
4. Payment will be made at the contract unit price per linear foot for “4’-10” Woven Wire Fence” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

FF. Bid Item #43 – Curb & Gutter Repair

1. Payment for "Curb & Gutter Repair" will be based on the actual number of linear feet of curb placed and accepted into the work. Work includes removal of existing curb and gutter, placement of new curb and gutter.
2. Payment for curb and gutter repair will be based on the actual number of linear feet of curb placed and accepted into the work.
3. No additional payment will be made beyond the limits set forth on drawings unless approved by the Resident Project Representative.

GG. Bid Item #44 – Rock Excavation

1. Payment for rock excavation will be based on the actual number of cubic yards incorporated and accepted into the work and measured to the nearest 0.1 cubic yard.
2. The Resident Project Representative will measure Rock Excavation. Computations will be based on the length multiplied by the average depth (including 6-inches below pipe invert) multiplied by the width (actual average width up to four-feet (4') maximum).
3. Measurement of manholes will be the average depth (including 6-inches below bottom of manhole) multiplied by the square of the average width (12-inches beyond the outside wall diameter of manhole).
4. No additional payment will be made for monitoring blasting operations and/or rock excavation beyond the limits indicated above without written approval of the Engineer since the work is considered incidental to the work being paid for at the contract unit price.
5. No additional payment will be made for providing suitable off-site borrow excavation to backfill trenches where rock has been removed, since the work is to be included in the unit price bid for trench rock excavation.
6. Payment for trench rock excavation will be made at the contract unit price per cubic yard for "Rock Excavation" incorporated and accepted into the work and will be full compensation for all work described in the contract documents, The contractor's unit price bid shall not be lower than \$30.00 per cubic yard.
7. No subsurface reports are available for the project. Estimated quantity is only an estimate. No additional payment will be made for over or under runs on estimated quantity.
8. Rock not measured by and verified by the inspector will not be eligible for payment.

HH. Bid Item #45 – Borrow Material

1. Borrow material will be based on the actual number of cubic yards of borrow material incorporated and accepted into the work and based on truck tickets provided by the Contractor. The volume of the truck tickets will be established by the Engineer based on measurements of the actual truck volume. The tickets are to be given to the project inspector at the time of delivery of the borrow material.
2. Payment will be made at the contract unit price per cubic yard for "Borrow Material" and will be full compensation for all work described in the contract documents
3. No additional payment will be made for the removal and/or disposal of existing material, placement, compaction, delivery or other work required to complete the work since the work is considered to be included in the contract unit price.

II. Bid Item #46 – 2” Blow Off Assembly

1. Payment for blow-off assemblies will be based on the actual number of assemblies installed and accepted into the work.
2. No additional payment will be made for excavation, tapping of the plug, pipe restraints, concrete blocking, meter box, fittings, and piping as the work is considered incidental to the work and is to be included in the unit price bid.
3. Payment for blow-off assemblies will be made at the contract unit price for each “2” Blow-Off Assembly” incorporated and accepted into the work and will be full compensation for all work described in the contract documents.

JJ. Bid Item #47 – Allowance for North Carolina Railroad Flaggers/Track Monitors

1. Allowance for North Carolina Railroad Flaggers/Track Monitors shall be used to reimburse the contractor for the direct cost of flaggers/track monitors as required for work inside of the North Carolina Railroad Corridor.
2. It is the responsibility of the contractor to contact/communicate/schedule any and all flaggers/track monitors for the duration of the project.
3. Direct cost of flaggers/track monitors are only eligible for reimbursement and proof of payment must be provided with reimbursement request.
4. No additional payment will be made for administrative or overhead costs and shall therefore be included in base bid elsewhere.
5. Reimbursement shall be made based only on the direct cost paid to the flaggers/track monitors and shall not include any markup. Receipt or proof of payment shall be submitted along with the request for reimbursement to be eligible.

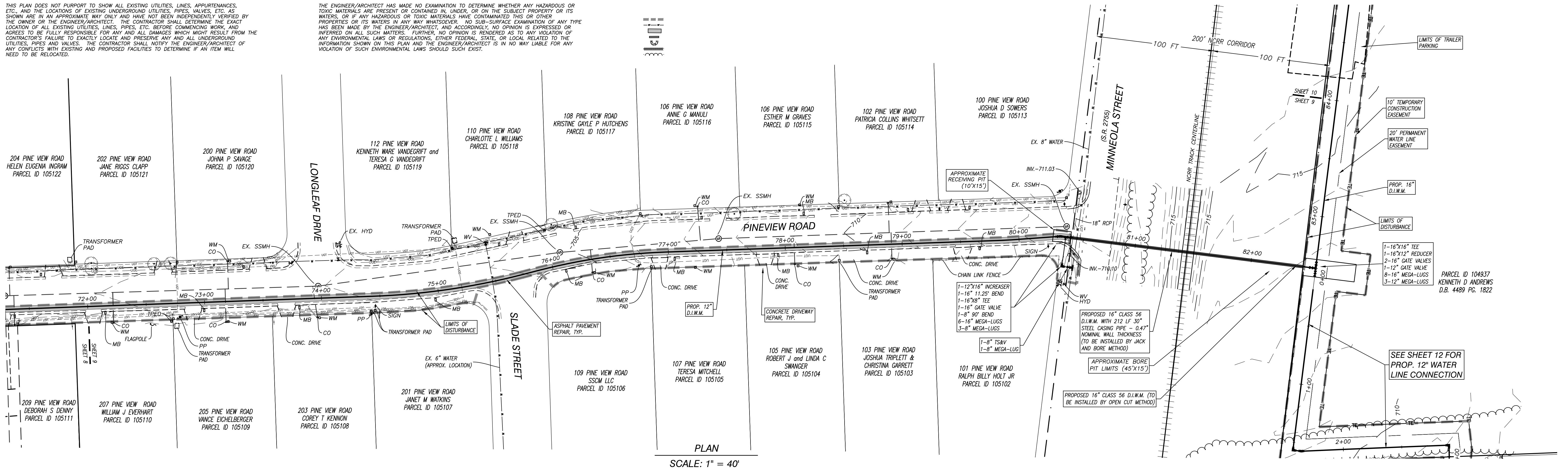
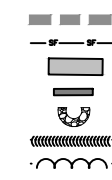
PART 2 – PRODUCTS (Not Applicable)

PART 3 – EXECUTION (Not Applicable)

END OF SECTION 01025

THIS PLAN DOES NOT PURPORT TO SHOW ALL EXISTING UTILITIES, LINES, APPURTENANCES, ETC., AND THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, PIPES, VALVES, ETC. AS SHOWN ARE IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER/ARCHITECT. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES, LINES, PIPES, ETC. BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, PIPES AND VALVES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY CONFLICTS WITH EXISTING AND PROPOSED FACILITIES TO DETERMINE IF AN ITEM WILL NEED TO BE RELOCATED.

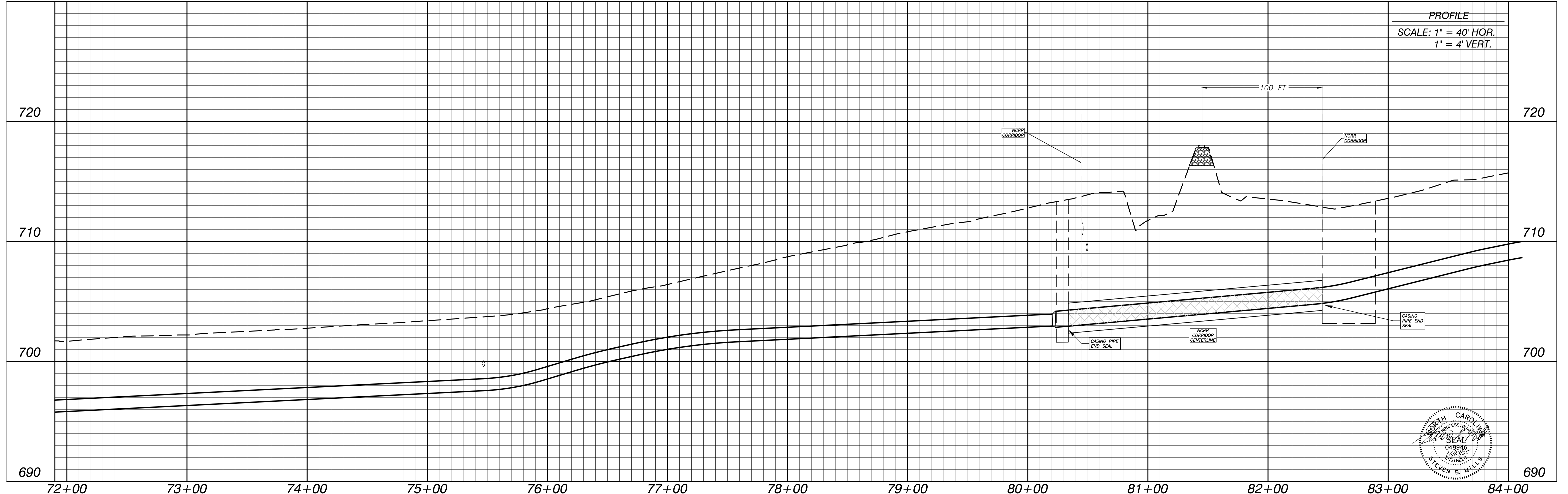
THE ENGINEER/ARCHITECT HAS MADE NO EXAMINATION TO DETERMINE WHETHER ANY HAZARDOUS OR TOXIC MATERIALS ARE PRESENT OR CONTAINED IN, UNDER, OR ON THE SUBJECT PROPERTY OR ITS WATERS, OR IF ANY HAZARDOUS OR TOXIC MATERIALS HAVE CONTAMINATED THIS OR OTHER PROPERTIES OR ITS WATERS IN ANY WAY WHATSOEVER. NO SUB-SURFACE EXAMINATION OF ANY TYPE HAS BEEN MADE BY THE ENGINEER/ARCHITECT, AND ACCORDINGLY, NO OPINION IS EXPRESSED OR INFERRED ON ALL SUCH MATTERS. FURTHER, NO OPINION IS RENDERED AS TO ANY VIOLATION OF ANY ENVIRONMENTAL LAWS OR REGULATIONS, EITHER FEDERAL, STATE, OR LOCAL, RELATED TO THE INFORMATION SHOWN ON THIS PLAN AND THE ENGINEER/ARCHITECT IS IN NO WAY LIABLE FOR ANY VIOLATION OF SUCH ENVIRONMENTAL LAWS SHOULD SUCH EXIST.



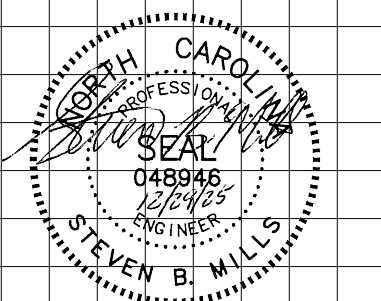
PLAN
SCALE: 1" = 40'

730

730



PROFILE
SCALE: 1" = 40' HOR.
1" = 4' VERT.



alley, williams, carmen & king, inc.
ENGINEERS, ARCHITECTS & SURVEYORS
740 chapel hill road p.o. box 1179
burlington, n.c. 27215 336/226-5534
Firm's Engineering License No. F-0203

TOWN OF GIBSONVILLE
HWY. 61 WATERLINE CONNECTOR

WATER IMPROVEMENTS
GIBSONVILLE, NORTH CAROLINA
NCDWI PROJECT NO. SRP-D-134-0220

DATE: 06/02/25
COMP FILE: T/23030BASE
DRAWN BY: JBP
CHECKED BY: SBM

HWY 61 WATERLINE
CONNECTOR
PLAN AND PROFILE
STA. 72+00 TO STA. 84+00

JOB NO. 23030
SHEET NO. 9
OF 20