

ADDENDUM NO. 1  
AUGUST 23, 2023

ADDENDUM  
TO ALL BIDDERS FOR CONTRACT  
DENTON WATER AND SEWER 2023 EXTENSION PROJECT  
TOWN OF DENTON  
CAROLINE COUNTY, MARYLAND

You are hereby notified in accordance with the paragraph entitled "Addenda, Bid Specification Challenges and Interpretations" of the above captioned project that the following has been issued to clarify the meaning of the specifications and the conditions and specifications set forth in said addendum are to be considered as binding as if the same was set forth in the original contract documents.

IMPORTANT NOTE: When submitting a bid, the Bidder must acknowledge receipt of this addenda by completing one (1) of the following options:

1. List this addendum on the "Acknowledgement of Receipt of Changes to Bid Documents Form," which is provided in the Proposal Section of the bid documents;

The following revisions, corrections and/or clarifications are hereby made to the contract plans and/or specifications:

1. The Pricing Form of the project specifications has been revised and is included with this addendum. All previous versions of this specification are hereby superseded.
2. General Conditions Section 1.09 A of the project specifications has been revised and is included with this addendum. All previous versions of this specification are hereby superseded.
3. Technical Specification Section 01010 entitled "Summary of Work" of the project specifications has been revised and is included with this addendum. All previous versions of this technical specification are hereby superseded.
4. Plan Sheet 2, 11, and 12 of the project plans have been revised and is included with this addendum. All previous versions of this plan sheet are hereby superseded.
5. A non-mandatory pre-bid meeting was held on 8/15/2023 at 10:00 AM EST at the Town Building at 4 N. Second Street, Denton, MD 21629. A list of questions and clarifications with a copy of the sign-in sheet from this meeting has been included with this addendum.
6. The location, date and time of the Bid Opening for this project have not been changed.

ADDENDUM NO. 1  
AUGUST 22, 2023

By signing this addendum, the undersigned hereby acknowledges receipt of this addendum and certifies that the submitted bid takes into account the provisions of this addenda, including any changes to the bid advertisement, specifications or bid documents.

\_\_\_\_\_  
Name of Bidder (print)

\_\_\_\_\_  
Name of Authorized Representative (print)

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date

Pricing Form

Base Bid

| LineItemNumber | Description   | UnitOfMeasure | Estimated Quantity | Unit Price | Extended Price |
|----------------|---|---------------|--------------------|------------|----------------|
| 1              | Mobilization (2.5% of Bid or Up To Max of \$50,000)   | LS            | 5                  |            |                |
| 2              | Two Year Maintenance Bond   | LS            | 1                  |            |                |
| 3              | Temporary Erosion and Sediment Control Measures   | LS            | 1                  |            |                |
| 4              | Record Drawings   | LS            | 1                  |            |                |
| 5              | Maintenance And Protection Of Traffic   | LS            | 1                  |            |                |
| 6              | Selective Demolition  | LS            | 1                  |            |                |
| 7              | Furnish and Install 8-Inch PVC Sewer Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete  | LF            | 2800               |            |                |
| 8              | Furnish and Install 12-Inch PVC Sewer Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete | LF            | 2300               |            |                |
| 9              | Furnish and Install Sanitary Sewer Manhole, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete | EA            | 23                 |            |                |
| 10             | Connection to Existing Manhole  | EA            | 2                  |            |                |

| LineItemNumber | Description   | UnitOfMeasure | Estimated Quantity | Unit Price | Extended Price |
|----------------|---|---------------|--------------------|------------|----------------|
| 11             | Furnish and Install 6" PVC Sewer Service Lateral, Including Wye, Cap, Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete   | LF            | 550                |            |                |
| 12             | Furnish and Install 8-Inch C900 Water Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete                     | LF            | 600                |            |                |
| 13             | Furnish and Install 8-Inch Gate Valve And Box, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete                  | EA            | 4                  |            |                |
| 14             | Furnish and Install 12-Inch C900 Water Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete                    | LF            | 1700               |            |                |
| 15             | Furnish and Install 12-Inch Gate Valve And Box, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete                 | EA            | 5                  |            |                |
| 16             | Furnish and Install Fire Hydrant Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Tee, Gate Valve, And Fittings, Complete | EA            | 3                  |            |                |



| LineItemNumber | Description   | UnitOfMeasure | Estimated Quantity | Unit Price | Extended Price |
|----------------|---|---------------|--------------------|------------|----------------|
| 17             | Furnish and Install 1.5" I.P.S. Water Service, Including Tap, Corp Stop, Meter Pit, Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete | LF            | 500                |            |                |
| 18             | Asphalt Milling, 2" Thick   | SY            | 12500              |            |                |
| 19             | Bituminous Surface Treatment, 2" Thick  | SY            | 12500              |            |                |
| 20             | Plain Concrete Driveway Apron   | SY            | 240                |            |                |
| 21             | Plain Concrete Curb   | LF            | 500                |            |                |
| 22             | Plain Concrete Sidewalk   | SY            | 240                |            |                |
| 23             | Line Striping, Replace in Kind  | LS            | 1                  |            |                |
| 24             | Test Pits (If And Where Directed)   | EA            | 10                 |            |                |
| 25             | Dewatering and Flow Diversion   | LS            | 1                  |            |                |
| 26             | Concrete Encasement (If And Where Directed)   | CY            | 10                 |            |                |

| LineItemNumber | Description                              | UnitOfMeasure | Estimated Quantity | Unit Price | Extended Price |
|----------------|--|---------------|--------------------|------------|----------------|
| 27             | Special Backfill (If And Where Directed) | CY            | 600                |            |                |
|                |  |               |                    |            |                |
| 28             | Gravel Bedding (If And Where Directed)   | CY            | 1200               |            |                |
|                |  |               |                    |            |                |
|                | Project Total                            |               |                    |            |                |

1.07 Drawings and Specifications.

- A. The Contractor shall keep at the site of the work one copy of the drawings and specifications signed and identified by the Engineer and shall at all times give the Engineer and other representatives of the Owner access thereto. Anything shown on the drawings and not mentioned in the specifications or mentioned in the specifications and not shown on the drawings, shall have the same effect as if shown or mentioned respectively in both. In case of any conflict between the drawings and specifications, the specifications shall govern. Any ambiguity or discrepancy between drawings and specifications shall be submitted by the Contractor to the Engineer whose decision shall be conclusive.
- B. The general arrangement and location of equipment, the various pipe, duct, and conduit runs, etc. are shown on the drawings. All dimensions or the scales of the drawings shall be considered as approximate and shall be checked by each bidder to their own satisfaction prior to bid. The exact location of all parts of the work shall be governed by existing conditions, and the Contractor shall coordinate and locate all work at the time of installation. Any changes in location, etc. from that shown on the drawings, necessary by existing conditions, shall be made by the Contractor at no increase of the contract sum.

1.08 Right-of-Way.

- A. All right-of-ways through private property required shall be secured by the Owner. Contractor shall not start construction in right-of-ways until directed by the Engineer. No claim shall be made by the Contractor for damage due to delay in securing right-of-ways.

1.09 Time Limits.

- A. The Contractor agrees to start the work herein contracted for within five (5) days from the date of the Engineer's Notice To Proceed to the Contractor directing them to proceed with the work. The time to complete the work contracted for, from the date of the Proceed Order, shall be limited to the following: **180 calendar days.**
- B. No extension of time will be allowed for delay from any cause whatsoever, including normal weather conditions unless the Contractor shall have notified the Engineer in writing of such delay and their intention to claim an extension of time within two (2) days after the beginning of such delay. Such notice shall give complete information concerning the nature, extent and cause of the delay. If, in the opinion of the Owner, an extension of time is warranted, the Owner

## SECTION 01010

### SUMMARY OF WORK

#### PART 1 - GENERAL

##### 1.01 Project Location.

- A. The project is located within the Town of Denton (Town) in Caroline County, Maryland.

1. Project Locations:

- a. Sharp Road and S 2<sup>nd</sup> Street
- b. Legion Road and Foy Road
- c. Market Road
- d. Aldersgate Drive

##### 1.02 Project Description.

- A. In general, the work includes, but is not limited to maintenance and protection of traffic, sawcutting, excavation, water main construction, sanitary sewer main construction, sanitary sewer manhole construction, fire hydrant, water services, valves, and appurtenances, all required post-construction testing, trench restoration, temporary pavement restorations, concrete curbing, concrete sidewalk, concrete driveway aprons, concrete curb ramp, landscaping and permanent pavement restorations. The scope of the work is more fully described in the Project Specifications herein and on the Project Plans.

##### 1.03 Work Included.

- A. Base Bid.

1. Mobilization.

- a. The contractor shall provide required performance guaranties, permits, construction equipment, portable toilet for workers, staging areas, erosion and sediment controls, temporary barriers, etc. as required to complete the work and as described within the project documents.

2. Maintenance and Protection of Traffic.

- a. The contractor shall provide all maintenance and protection of traffic (MPT) as required for the completion of the Work. MPT shall be provided in accordance with MDOT SHA Standard Specifications for Construction and Materials, and notes shown on the project plans.
- b. For project locations within local streets, the Borough will allow the closure of local streets during the workday to facilitate the Work. The Borough reserves the right to limit or restrict road closures, where doing so would have an unacceptable impact on traffic and / or access to key facilities or activities.
- c. In general, all construction areas shall be reopened to traffic at the end of each workday.

3. Test Pits.
  - a. Where directed by the project plans and / or the Engineer, the contractor shall perform test pits. Test pits shall include maintenance and protection of traffic, sawcutting, excavation, recording information, backfilling, and temporary pavement restorations.
4. New Water Mains.
  - a. The contractor shall install new water mains in accordance with the project plans and specifications. In general, this work includes, but is not limited to, the following major items:
    1. Install new water main piping.
    2. Install all fittings, valves, wet taps, appurtenances, fire hydrants, water services and interconnections of new water main into existing distribution lines as indicated on the drawings.
    3. Cut and cap existing water lines to be abandoned in place.
    4. Temporary pavement restoration of work.
    5. Provide testing and disinfection of water mains.
  - b. Contractor shall provide all equipment, labor & materials to perform the installation work including final testing.
  - c. At the end of each workday the contractor shall install temporary pavement restorations and make the street suitable for public use. No separate payment will be made for the installation of temporary pavement restorations.
    1. Temporary pavement restorations shall be installed in accordance with the details shown on the project plans. The contractor shall follow the temporary pavement restoration detail for local streets or State right-of-way, as applicable to each project location.
    2. Within local streets only, cold patch material may be used on a temporary basis until temporary pavement restorations are installed. Cold patch material shall remain in place no longer than one (1) week before being replaced with temporary pavement restorations.
5. New Sewer Mains.
  - a. The contractor shall install new water mains in accordance with the project plans and specifications. In general, this work includes, but is not limited to, the following major items:
    1. Install new sewer main laterals.
    2. Installing new sanitary sewer manholes
    3. Manhole penetration
    4. Includes excavation, Stone Bedding & Backfill, All Connections, All Fittings, Testing Complete
    5. Temporary pavement restoration of work.
  - b. Contractor shall provide all equipment, labor & materials to perform the installation work including final testing.
  - c. At the end of each workday the contractor shall install temporary pavement restorations and make the street suitable for public use. No separate payment will be made for the installation of temporary pavement restorations.

1. Temporary pavement restorations shall be installed in accordance with the details shown on the project plans. The contractor shall follow the temporary pavement restoration detail for local streets or State right-of-way, as applicable to each project location.

Within local streets only, cold patch material may be used on a temporary basis until temporary pavement restorations are installed. Cold patch material shall remain in place no longer than one (1) week before being replaced with temporary pavement restorations

6. Hydrants.
  - a. The contractor shall install a new fire hydrant in accordance with the project plans and specifications. After installation and testing of the new hydrant, the adjacent existing hydrant shall be removed from the site to a location of the Town's choice.
7. New Water and Sewer Services.
  - a. The contractor shall install new water and sewer services in accordance with the project plans and specifications.
8. Concrete Work.
  - a. Where required to facilitate other contract work, the contractor shall remove and replace portions of existing concrete curb, concrete sidewalk, and concrete driveway aprons.
  - b. Where required to facilitate other contract work, the contractor shall install concrete curb ramps. Concrete curb ramps shall be installed complete with detectable warning surface, as shown on the details in the project plans.
  - c. Where required to facilitate other contract work, the contractor shall remove and replace portions of existing concrete with concrete pavement patch.
9. Permanent Pavement Restorations.
  - a. Excavation of Temporary Pavement Restorations.
    1. Within local roads, the contractor shall remove all temporary pavement restoration and backfill materials to a depth of six inches (6") from the surrounding pavement surface.
    2. Within State Right-of-Way areas, the contractor shall extend the area for permanent pavement restorations by sawcutting one foot (1') beyond the edge of the temporary pavement restorations; and the contractor shall remove existing pavement (including bituminous and concrete pavements), temporary pavement restoration and backfill materials to a depth of nine inches (9") from the surrounding pavement surface.
  - b. Once the permanent pavement restoration areas have been excavated, the contractor shall sawcut and remove any additional compromised pavement or subbase materials along the perimeter of the permanent pavement restoration areas.
  - c. The contractor shall properly transport and dispose of all materials removed.
  - d. Installation of Permanent Pavement Restorations.
    1. Within local roads, the contractor shall install six inches (6") of permanent pavement restorations even with the surrounding pavement surface.

Permanent pavement restorations within local streets shall be installed in accordance with the detail shown on the project plans.

2. Within State Right-of-Way areas, the contractor shall install nine inches (9") of permanent pavement restorations even with the surrounding pavement surface. Permanent pavement restorations in the State Right-of-Way area shall be installed in accordance with the detail shown on the project plans.
- e. The contractor shall replace all existing striping in kind.

10. Record Drawings.

- a. Upon completion of the Work, the contractor shall provide the Borough with record drawings in accordance with the project specifications. The contractor shall record information for the record drawings throughout the performance of the Work to ensure that final record drawing information is complete and accurate.

1.04 General Requirements

- A. All work by the Contractor must be 100% complete within the contract day limit specified.
- B. All related incidental work, dust control, erosion control, flow diversion, cleaning and restoration shall be included in the contract bid price. These activities are not separate pay items and shall be included in the overall cost of the project.
- C. All materials, construction procedures, type and use of equipment, measurement and payment shall be in accordance with MDOT SHA Standard Specifications for Construction and Materials unless otherwise noted and/or added into these specifications.
- D. The Contractor is responsible for construction layout of this project. The Contractor shall forward all construction layout survey information to the Engineer for reference including benchmarks, stationing, and elevations.
- E. All contractors and other persons utilizing this specification and the information contained herein are cautioned to comply with the requirements of the Maryland Public Utility Companies Section 12. Each individual contractor using the project plans must verify the location and depth of all underground utilities and facilities before starting work. The contractor shall notify "Miss Utility" (1-800-282-8555) at least 72 hours prior to the start of any excavation.
- F. All paved and concrete areas disturbed during construction shall be restored to a condition at least equal to that which existing prior to the start of construction.
- G. All grassed areas disturbed during construction shall be topsoiled, fertilized and seeded. No additional payment will be made for restoration of grassed areas, but the cost shall be included in the various items of the proposal.
- H. The contractor shall be responsible for the location and preservation of underground and surface utilities and structures at or adjacent to the site of construction and it shall be at his own expense to repair or replace anything that is damaged.

- I. All construction details not shown shall be in accordance with MDOT SHA Standard Specifications for Construction and Materials.
- J. Payment for joint material and sealant for all concrete work will not be measured but shall be included in the various items of the proposal.
- K. Payment will not be made for sawcutting but shall be included in the various items of the proposal.
- L. Payment for the excavation of rock if encountered will be measured on a cubic yard basis. Rock to be measured for additional payment is defined in Section 02227, "Excavation and Backfill". Rock excavation will not be measured without prior authorization from Owner to deploy a machine equipped with a hydraulic rock hammer.
- M. No payment will be made for remobilization for any reason including weather conditions.

1.05 Payment Item

- A. Quantity of "Furnish and Install 8-Inch PVC Sewer Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete" will be measured per linear foot (LF) installed. No distinction will be made between SDR-35 and SD- 26. All PVC Sanitary Sewer Piping will be SDR-35, unless an alternative SDR is specifically referenced on the plans.
- B. Payment for sanitary sewer main installation will be made on a per linear foot basis for the item "Furnish and Install 8-Inch PVC Sewer Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete" on the Bid Form. Work includes all materials, labor, and equipment, including transportation, tools, supplies and appurtenances necessary for the construction of the water mains, and all else necessary therefore and all other work in connection therewith and incidental thereto to complete the work specified within this section and on the plans. Payment shall only be made for piping lengths that are put into operation on this project.
- C. Quantity of "Furnish and Install 12-Inch PVC Sewer Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete" will be measured per linear foot (LF) installed. No distinction will be made between SDR-35 and SD- 26. All PVC Sanitary Sewer Piping will be SDR-35, unless an alternative SDR is specifically referenced on the plans.
- D. Payment for sanitary sewer main installation will be made on a per linear foot basis for the item "Furnish and Install 12-Inch PVC Sewer Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete" on the Bid Form. Work includes all materials, labor, and equipment, including transportation, tools, supplies and appurtenances necessary for the construction of the water mains, and all else necessary therefore and all other work in connection therewith and incidental thereto to complete the work specified within this section and on the plans. Payment shall only be made for piping lengths that are put into operation on this project.



- E. Quantity of “Furnish and Install Sanitary Sewer Manhole, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete” will be measured for each (EA) individual penetration.
- F. Payment for “Furnish and Install Sanitary Sewer Manhole, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete” will be made per unit price on the Bid Form. Work includes all materials, labor, and equipment, including transportation, tools, supplies and appurtenances necessary for the construction of the water mains, and all else necessary therefore and all other work in connection therewith and incidental thereto to complete the work specified within this section and on the plans.
- G. Quantity of “Connection to Existing Manhole” will be measured for each individual connection.
- H. Payment for “Connection to Existing Manhole” will be made for each pit, if and where directed by the Engineer, and shall include all maintenance and protection of traffic, sawcutting, excavation, measurements and recording, backfill, and temporary pavement restorations.
- I. Quantity of “Furnish and Install 6" PVC Sewer Service Lateral, Including Wye, Cap, Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete” will be measured per linear foot (LF) installed.
- J. Payment for sanitary sewer lateral installation will be made on a per linear foot basis for the item “Furnish and Install 6" PVC Sewer Service Lateral, Including Wye, Cap, Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete” on the Bid Form. Work includes all materials, labor, and equipment, including transportation, tools, supplies and appurtenances necessary for the construction of the water mains, and all else necessary therefore and all other work in connection therewith and incidental thereto to complete the work specified within this section and on the plans. Payment shall only be made for piping lengths that are put into operation on this project.
- K. Quantity of “Furnish and Install 8-Inch C900 Water Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete” will be measured per linear foot (LF) installed.
- L. Payment for water main installation will be made on a per linear foot basis for the item “Furnish and Install 8-Inch C900 Water Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete” on the Bid Form. Work includes all materials, labor, and equipment, including transportation, tools, supplies and appurtenances necessary for the

construction of the water mains, and all else necessary therefore and all other work in connection therewith and incidental thereto to complete the work specified within this section and on the plans. Payment shall only be made for piping lengths that are put into operation on this project.

- M. Quantity of “Furnish and Install 8-Inch Gate Valve And Box, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete” will be measured per valve including appurtenances.
- N. The payment of “Furnish and Install 8-Inch Gate Valve And Box, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete” will be made per the unit price stated in the contract. Included with the payment for the valves shall be all sawcutting, excavation, backfill, temporary pavement restorations, furnishing and installation of the valve and appurtenances, testing, valve box, valve position indicated and all restoration.
- O. Quantity of “Furnish and Install 12-Inch C900 Water Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete” will be measured per linear foot (LF) installed.
- P. Payment for water main installation will be made on a per linear foot basis for the item “Furnish and Install 12-Inch C900 Water Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete” on the Bid Form. Work includes all materials, labor, and equipment, including transportation, tools, supplies and appurtenances necessary for the construction of the water mains, and all else necessary therefore and all other work in connection therewith and incidental thereto to complete the work specified within this section and on the plans. Payment shall only be made for piping lengths that are put into operation on this project.
- Q. Quantity of “Furnish and Install 12-Inch Gate Valve And Box, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete” will be measured per valve including appurtenances.
- R. The payment of “Furnish and Install 12-Inch Gate Valve And Box, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete” will be made per the unit price stated in the contract. Included with the payment for the valves shall be all sawcutting, excavation, backfill, temporary pavement restorations, furnishing and installation of the valve and appurtenances, testing, valve box, valve position indicated and all restoration.

- S. Quantity of “Furnish and Install Fire Hydrant Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Tee, Gate Valve, And Fittings, Complete” will be measured per hydrant assembly installed.
- T. Payment for “Furnish and Install Fire Hydrant Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Tee, Gate Valve, And Fittings, Complete” will be made per the unit price listed in the contract. The cost shall include but not be limited to sawcutting, excavation, backfill, temporary pavement restorations, furnishing and setting of 6" connecting pipe with gate valve and valve box, tie rods, furnishing and setting of hydrant, hydrant anchoring tee supporting wedging, jointing and jointing materials, shoring, testing, pumping, sterilization, replacement of all curb and sidewalk disturbed by construction, and all labor, materials, and equipment and all else necessary therefore and all other work in connection therewith or incidental thereto.
- U. Quantity of “Furnish and Install 1.5" I.P.S. Water Service, Including Tap, Corp Stop, Meter Pit, Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete” will be measured per linear foot (LF) installed.
- V. Payment of “Furnish and Install 1.5" I.P.S. Water Service, Including Tap, Corp Stop, Meter Pit, Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete” which price shall include all labor, material and equipment, tapping into the main; installation of a new service clamp and corporation stop; installation of new 1.5" I.P.S. service line from the corporation stop to the curb stop; installation of a new curb stop and box, complete with all connections and fittings to connect the new line to the existing service. This item of work shall also include all sawcutting, excavation, backfill and temporary pavement restorations required to complete the installation of the service line as described above.
- W. Quantity of “Asphalt Milling, 2" Thick” will be measured in square yards (SY) for the total area milled to the specified depth.
- X. Payment for “Asphalt Milling, 2" Thick” will be made per square yard (SY). Payment shall include milling equipment, labor, and the removal and proper disposal of milled material.
- Y. Quantity of “Bituminous Surface Treatment, 2" Thick” will be measured in Square Yards (SY) of area installed at the specified compacted thickness.
- Z. Payment for “Bituminous Surface Treatment, 2" Thick” will be made per Square Yard (SY), and shall include preparation, material, placement, compaction, joint sealing, restorations and incidental work.

- AA. Quantity of "Plain Concrete Driveway Apron" will be measured in square yards (SY) for the actual area of concrete driveway apron constructed.
- BB. Payment for "Plain Concrete Driveway Apron" will be made per square yard (SY), and shall include construction layout, excavation, removal and disposal of existing material, subgrade preparation, stone subbase, formwork, concrete and concrete reinforcement as applicable, pouring and finishing concrete, wire mesh reinforcement material, expansion material, white pigmented curing compound, restorations and incidental work.
- CC. Quantity of "Plain Concrete Curb" will be measured in Linear Feet (LF).
- DD. Payment for "Plain Concrete Curb" will be made per linear foot. The contractor shall replace Curb as necessary, and shall include construction layout, sawcutting existing concrete and bituminous surfaces, excavation, subgrade preparation, stone subbase, placement of forms, expansion joint material, pouring and finishing concrete, white pigmented curing compound, backfilling, roadway reconstruction, restoration, power washing, and incidental work.
- EE. Quantity of "Plain Concrete Sidewalk" will be measured in square yards (SY) for the actual area of sidewalk constructed. Plain concrete sidewalk includes all sidewalk constructed outside the limits of the handicapped ramps shown on the project plans, including transitions to resident walkways.
- FF. Payment for "Plain Concrete Sidewalk" will be made per square yard (SY), and shall include all materials, labor and equipment necessary to perform construction layout, excavation, subgrade preparation, formwork, stone subbase, expansion joint material, pouring and finishing concrete, white pigmented curing compound, protection, backfill, restorations, and incidental work.
- GG. Quantity of "Test Pits (If And Where Directed)" will be measured for each individual pit.
- HH. Payment for "Test Pits (If And Where Directed)" will be made for each pit, if and where directed by the Engineer, and shall include all maintenance and protection of traffic, sawcutting, excavation, measurements and recording, backfill, and temporary pavement restorations.
- II. Quantity of "Concrete Encasement (If And Where Directed)" for concrete encasement of ductile iron pipe will be measured per cubic yard (CY).
- JJ. Payment for "Concrete Encasement (If And Where Directed) " will be made at the cubic yard (CY) price bid, if and where directed by the Engineer, and shall include all labor, materials, sawcutting, excavation, backfill, temporary pavement restoration, and all other necessary appurtenances for a complete functioning system.
- KK. Quantity of "Special Backfill (If And Where Directed)" for furnishing and placing special backfill will be measured per cubic yard (CY).

- LL. Payment for "Special Backfill (If And Where Directed) " will be made at the cubic yard (CY) price bid, if and where directed by the Engineer, and shall include all labor, materials, installation, and all other necessary appurtenances for a complete functioning system.
- MM. Quantity of "Gravel Bedding (If And Where Directed)" for gravel bedding will be measured per cubic yard (CY).
- NN. Payment for "Gravel Bedding (If And Where Directed) " will be made at the cubic yard (CY) price bid, if and where directed by the Engineer, and shall include all labor, materials, installation, and all other necessary appurtenances for a complete functioning system.
- OO. As a minimum, all contract bid prices shall include, all labor, equipment, materials, testing, transportation, tools, supplies and appurtenances necessary for the construction of the water mains and services piping including the cost of excavating, dewatering, laying, assembling, and jointing of the pipe, related equipment and appurtenances complete, shoring, pumping, backfilling, concrete thrust blocks, joint restraints, pipe supports, bedding, cutting, temporary service establishment, testing, sterilizing and all else necessary to have a complete and operable distribution system.

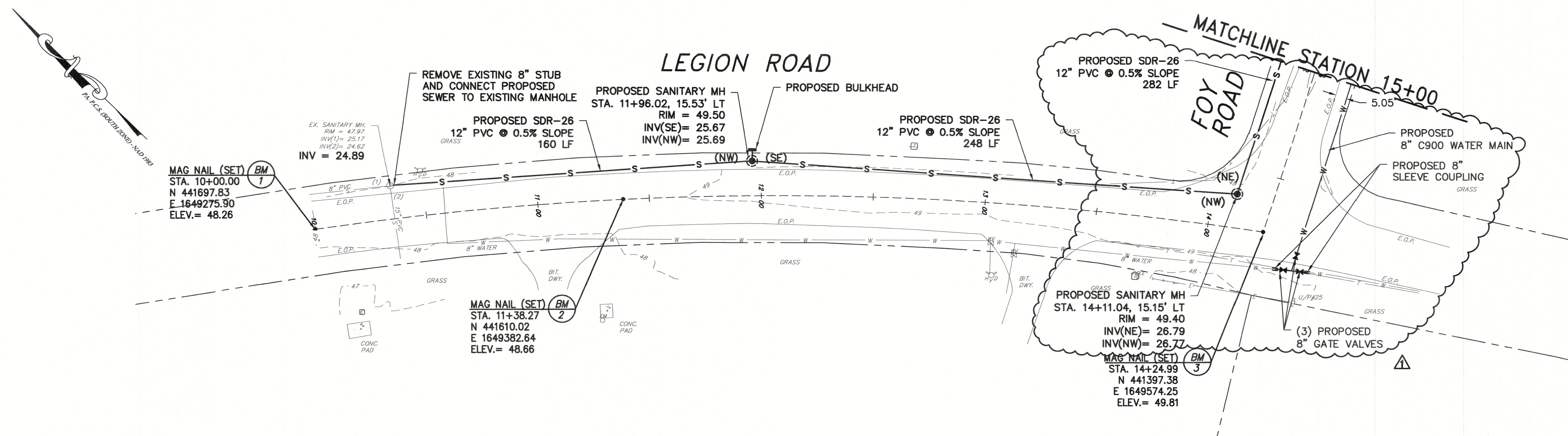
END OF SECTION



1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO THE START OF THE CONSTRUCTION, ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
2. LOCATION OF EXISTING UTILITIES AND LATERALS ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.
3. THE CONTRACTOR SHALL USE EXCAVATED MATERIALS FOR BACKFILL UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
4. ALL PAVED AND CONCRETE AREAS DISTRIBUTED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION.
5. ALL GRASSED OR WOODED AREAS DISTRIBUTED DURING CONSTRUCTION SHALL BE TOPSOILED AND SEEDDED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF THE UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION AND IT SHALL BE AT HIS OWN EXPENSE TO REPAIR OR REPLACE ANYTHING THAT HE DAMAGES.
7. BASELINES HAVE BEEN PROVIDED ON THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE BASELINE AS SHOWN ON THE PLAN.
8. APPROXIMATE DEPTH OF ALL WATER MAIN IS  $\pm$  4 FEET.
9. ALL CONSTRUCTION DETAILS NOT SHOWN SHALL BE IN COMPLIANCE WITH MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION BOOK OF STANDARDS.
10. SEPARATE PAYMENT WILL NOT BE MADE FOR SAW CUTTING OF ANY KIND, BUT THE COST SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
11. PAYMENT FOR JOINT MATERIAL FOR ALL CONCRETE WORK WILL NOT BE MEASURED BUT SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
12. TRAFFIC CONTROL SHALL BE PAID UNDER "MAINTENANCE AND PROTECTION OF TRAFFIC" AND SHALL BE IN ACCORDANCE WITH THE LATEST DETAILS.
13. SEPARATE PAYMENT WILL NOT BE MADE FOR STEEL TREE ROOT PROTECTION PLATES, BUT PAYMENT SHALL BE MADE AS THE UNIT PRICE BID FOR CONCRETE CURB.
14. ALL GRASS AND WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE BACKFILLED AS DIRECTED.
15. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL EXISTING CONCRETE CURB NOT SHOWN TO BE REMOVED. THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLETE REMOVAL AND REPLACEMENT OF ANY DAMAGED CURB NOT DOCUMENTED PRIOR TO THE START OF CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
16. ALL UNUSED MATERIAL EXCAVATED FROM THE PROJECT SITE ARE TO BE DISPOSED OF AT AN APPROVED FACILITY.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED IN THE PLANS AND SPECIFICATIONS. SEPARATE PAYMENT FOR ALL ASSOCIATED COSTS WILL NOT BE MADE, BUT SHALL BE INCLUDED UNDER VARIOUS ITEMS OF THE PROPOSAL.
18. THE CONTRACTOR MUST OBTAIN AND PAY FOR STATE ROAD OPENING PERMIT FOR ALL WORK WITHIN THE TOWN RIGHT-OF-WAY ALL COSTS ASSOCIATED WITH PERMIT ACQUISITION SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROPOSAL.
19. CONTRACTOR IS RESPONSIBLE TO ENSURE POSITIVE DRAINAGE ALONG ALL ROADWAYS TO BE RESURFACED. THE CONTRACTOR SHALL PROVIDE ELEVATIONS AT ALL DEPRESSED CURB LOCATIONS ASSOCIATED WITH THE ADA RAMPS TO ENSURE POSITIVE DRAINAGE ADJACENT TO THE RAMP AND AT OTHER LOCATIONS AS DIRECTED BY THE ENGINEER. SEPARATE PAYMENT WILL NOT BE MADE FOR PROVIDING PROPOSED ELEVATIONS BUT ALL COSTS SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
20. 2020 MDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS AND AS AMENDED PER COUNTY SPECIFICATIONS SHALL GOVERN THIS PROJECT.
21. CONTRACTOR SHALL RESTORE ALL EXISTING FEATURES DISTURBED DURING CONSTRUCTION (I.E. MAILBOXES, IRRIGATION SYSTEMS, LANDSCAPING, ETC.). ALL COSTS SHALL BE INCLUDED IN THE PRICE BID FOR SITE CLEARING.
22. THE CONTRACTOR SHALL ANTICIPATE GROUND WATER INFILTRATION INTO ALL OF THE COMBINED SEWER/STORM SEWER PIPES, INLETS AND MANHOLES WHEN PERFORMING THE VARIOUS TASKS ASSOCIATED WITH THIS PROJECT. ALL COSTS ASSOCIATED WITH THE TEMPORARY BYPASS PUMPING AND OR DEWATERING SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROPOSAL.
23. THE TRENCH LIMIT OF DISTURBANCE WITHIN THE ASPHALT ROADWAY SHALL BE LIMITED TO A 4' WIDTH PER UTILITY TRENCH. THE LAY DOWN AREA FOR THE EXCAVATED MATERIAL SHALL BE IMMEDIATELY ADJACENT TO THE TRENCH AND SHALL BE ISOLATED TO THE ASPHALT ROADWAY. TRENCH SHALL BE BACKFILLED AT THE END OF EACH DAY. ALL BASE PAVING SHALL BE COMPLETED EACH FRIDAY FOR ALL WORK COMPLETED THAT WEEK.
24. THE CONTRACTOR WILL BE RESPONSIBLE FOR KEEPING THE PAVED CARTWAY FREE AND CLEAR OF SEDIMENT EACH DAY THE WORK PROGRESSES AND AS OFTEN AS NECESSARY TO KEEP A CLEAN BROOM SWEEP CONDITION AND OR AS DIRECTED BY THE ENGINEER.
25. ALL UTILITY CROSSINGS/OFFSETS SHALL INCLUDE COMPACTED STABILIZATION MATERIAL FOR FULL LENGTH OF CROSSING.
26. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION, ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
27. SEPARATE PAYMENT WILL NOT BE MADE FOR EXCAVATION, DEWATERING, FITTINGS, PIPE BEDDING, SHEETING, BRACING, SHORING, INLET CONNECTIONS, TRAPS, AND SUITABLE BACKFILL MATERIAL INVOLVED IN ALL PIPE AND ASSOCIATED STRUCTURES REMOVAL, RECONSTRUCTION AND INSTALLATION, BUT THE COST SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL REGARDLESS OF DEPTH.
28. THE CONTRACTOR SHALL EXERCISE PARTICULAR CARE, ESPECIALLY AT INTERSECTIONS AND GUTTER LINES, IN MILLING AND CONSTRUCTION OF PAVEMENT TO PROVIDE POSITIVE FLOWING STORMWATER. ANY AREAS WHERE WATER IS IMPOUNDED SHALL BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE OWNER.
29. ALL WORK TO BE COORDINATED WITH SEPARATE CONTRACTORS FOR ONGOING WORK IN AREAS SURROUNDING THE SITES.
30. ALL PEDESTRIAN ACCESS TO SIDEWALKS AND STREETS, INCLUDING CROSSWALKS, CURB RAMP, STREET FURNISHINGS, PEDESTRIAN SIGNALS, PARKING AND OTHER COMPONENTS OF PEDESTRIAN ACCESS PROPOSED IN THE RIGHT-OF-WAY ARE TO BE IN ACCORDANCE WITH ADA & ABA ACCESSIBILITY GUIDELINES AND THE CURRENT PUBLIC RIGHTS-OF-WAY GUIDELINES PROPOSED BY THE ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD (ACCESS BOARD).
31. INLETS, AND ALL OTHER UTILITY ACCESS PANELS AND VAULTS, SHALL NOT BE LOCATED WITHIN PUBLIC SIDEWALK CURB RAMPS. CONTRACTOR SHALL ADJUST CURB RAMP LOCATIONS IN THE FIELD WITH THE APPROVAL OF THE ENGINEER TO ACCOMMODATE RECENT UTILITY RELOCATIONS.
32. EXISTING SANITARY SEWER MAINS & LATERALS SHOWN MAY NOT BE ACCURATE DUE TO INCOMPLETE UTILITY INFORMATION.
33. ALL TREE REMOVALS ARE TO BE VERIFIED BY THE ENGINEER PRIOR TO REMOVAL. ALL TREE PLANTINGS ARE APPROXIMATE WITH FINAL LOCATIONS TO BE ESTABLISHED IN THE FIELD.
34. THE CONTRACTOR SHALL UTILIZE A QUALIFIED ARBORIST FOR ALL TREE TRIMMINGS.
35. INLET SEDIMENT PROTECTION SHALL BE INSTALLED AT ALL EXISTING AND PROPOSED INLETS AND CATCH BASINS SHOWN ON THE PLANS. PAYMENT SHALL BE INCLUDED IN THE LUMP SUM COST FOR 'SOIL EROSION AND SEDIMENT CONTROLS'.
37. IN ACCORDANCE WITH CODE OF MARYLAND REGULATIONS (COMAR) 26.04.01.33, DIRECT AND INDIRECT

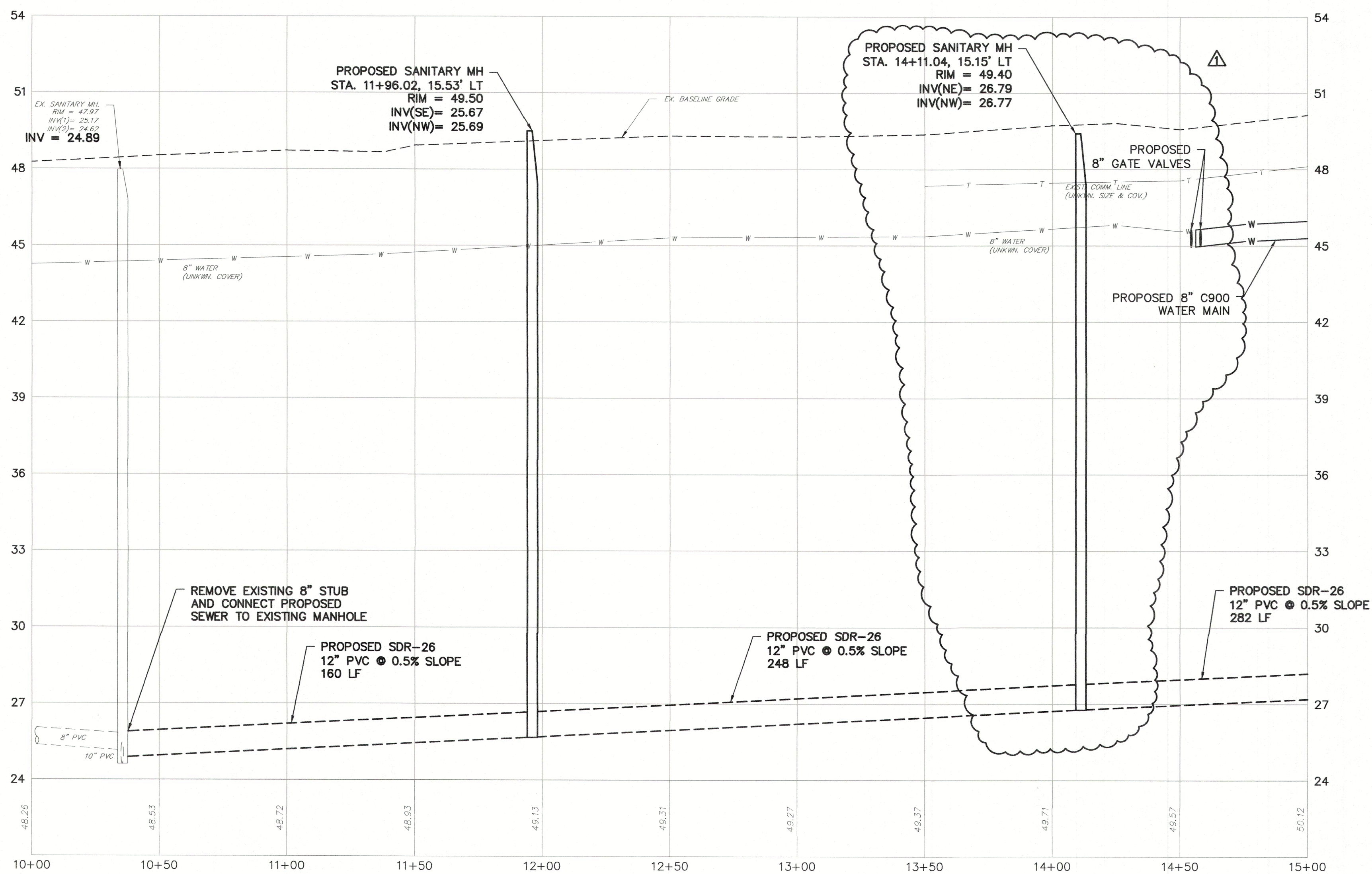
| Base Bid |   |       |               |                     |              |
|----------|---|-------|---------------|---------------------|--------------|
| No.      | Description   | Units | Plan Quantity | Additional Quantity | Bid Quantity |
| 1        | Mobilization (2.5% of Bid or Up To Max of \$50,000)   | LS    | 5             | 0                   | 5            |
| 2        | Two Year Maintenance Bond   | LS    | 1             | 0                   | 1            |
| 3        | Temporary Erosion and Sediment Control Measures   | LS    | 1             | 0                   | 1            |
| 4        | Record Drawings   | LS    | 1             | 0                   | 1            |
| 5        | Maintenance And Protection Of Traffic   | LS    | 1             | 0                   | 1            |
| 6        | Selective Demolition  | LS    | 1             | 0                   | 1            |
| 7        | Furnish and Install 8-Inch PVC Sewer Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete  | LF    | 2540          | 260                 | 2800         |
| 8        | Furnish and Install 12-Inch PVC Sewer Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete   | LF    | 2083          | 217                 | 2300         |
| 9        | Furnish and Install Sanitary Sewer Manhole, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete   | EA    | 22            | 1                   | 23           |
| 10       | Connection to Existing Manhole  | EA    | 2             | 0                   | 2            |
| 11       | Furnish and Install 6" PVC Sewer Service Lateral, Including Wye, Cap, Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete   | LF    | 495           | 55                  | 550          |
| 12       | Furnish and Install 8-Inch C900 Water Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete                     | LF    | 550           | 50                  | 600          |
| 13       | Furnish and Install 8-Inch Gate Valve And Box, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete                  | EA    | 3             | 1                   | 4            |
| 14       | Furnish and Install 12-Inch C900 Water Main, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete                    | LF    | 1550          | 150                 | 1700         |
| 15       | Furnish and Install 12-Inch Gate Valve And Box, Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Complete                 | EA    | 4             | 1                   | 5            |
| 16       | Furnish and Install Fire Hydrant Including Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Joint Restraint, Thrust Blocks, Pressure Testing And Disinfection, Tee, Gate Valve, And Fittings, Complete | EA    | 3             | 0                   | 3            |
| 17       | Furnish and Install 1.5" I.P.S. Water Service, Including Tap, Corp Stop, Meter Pit, Excavation, Stone Bedding & Backfill, Graded Aggregate Base Course, Asphalt Base Course, and Temporary Surface Course, All Connections, All Fittings, Testing, Complete   | LF    | 440           | 60                  | 500          |
| 18       | Asphalt Milling, 2" Thick   | SY    | 11501         | 999                 | 12500        |
| 19       | Bituminous Surface Treatment, 2" Thick  | SY    | 11501         | 999                 | 12500        |
| 20       | Plain Concrete Driveway Apron   | SY    | 0             | 240                 | 240          |
| 21       | Plain Concrete Curb   | LF    | 0             | 500                 | 500          |
| 22       | Plain Concrete Sidewalk   | SY    | 0             | 240                 | 240          |
| 23       | Line Striping, Replace in Kind  | LS    | 1             | 0                   | 1            |
| 24       | Test Pits (If And Where Directed)   | EA    | 10            | 0                   | 10           |
| 25       | Dewatering and Flow Diversion   | LS    | 1             | 0                   | 1            |
| 26       | Concrete Encasement (If And Where Directed)   | CY    | 0             | 10                  | 10           |
| 27       | Special Backfill (If And Where Directed)  | CY    | 0             | 1200                | 1200         |
| 28       | Gravel Bedding (If And Where Directed)  | CY    | 0             | 1500                | 1500         |





PLAN

SCALE: 1"= 30'



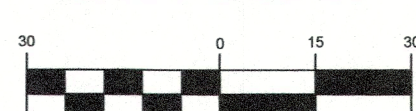
PROFILE

SCALE: 1"= 3' VERT.  
SCALE: 1"= 30' HORIZ.

NOTES:

- THE HORIZONTAL DATUM IS BASED ON THE MARYLAND STATE PLANE COORDINATE SYSTEM (NAD-1983 / 2011 ADJ.) AND THE VERTICAL DATUM IS BASED ON NAVD-1988 / GEOID 2018 (ADD 0.79 FEET TO THESE ELEVATIONS TO CONVERT TO NGVD-1929 DATUM).
- PROPERTY AND RIGHT-OF-WAY LINES SHOWN ON THESE PLANS ARE APPROXIMATE LOCATIONS BASED ON THE CURRENT TAX MAPS OF THE TOWN OF DENTON, CAROLINE COUNTY, MARYLAND. ADJOINING PROPERTY AND RIGHT-OF-WAY LINES ARE SHOWN FOR GRAPHICAL INFORMATION ONLY AND HAVE NOT BEEN FIELD VERIFIED.
- EXISTING TOPOGRAPHIC CONDITIONS WERE SURVEYED BY REMINGTON & VERNICK ENGINEERS. THE SURVEY WORK WAS COMPLETED ON JUNE 29, 2022.
- THIS PLAN AND SURVEY DOES NOT CERTIFY TO THE LOCATION, BOTH HORIZONTAL AND VERTICAL OF ANY UNDERGROUND UTILITY OR STRUCTURE THAT WAS NOT EXPOSED FOR DIRECT MEASUREMENT.

GRAPHIC SCALE



( IN FEET )  
1 inch = 30 ft.

**RVE**  
1901  
**REMINGTON & VERNICK ENGINEERS**  
UNIVERSITY OFFICE PLAZA  
BELLEVUE BUILDING  
262 CHAPMAN ROAD, SUITE 105  
NEWARK, DE 19702  
(302) 266-0212, FAX (302) 266-6208  
WEB ADDRESS : RVE.COM  
Excellence • Innovation • Service

DATE: 07-19-2023  
**CHRISTOPHER J. FAZIO**  
MD PROFESSIONAL ENGINEER, No. 27351

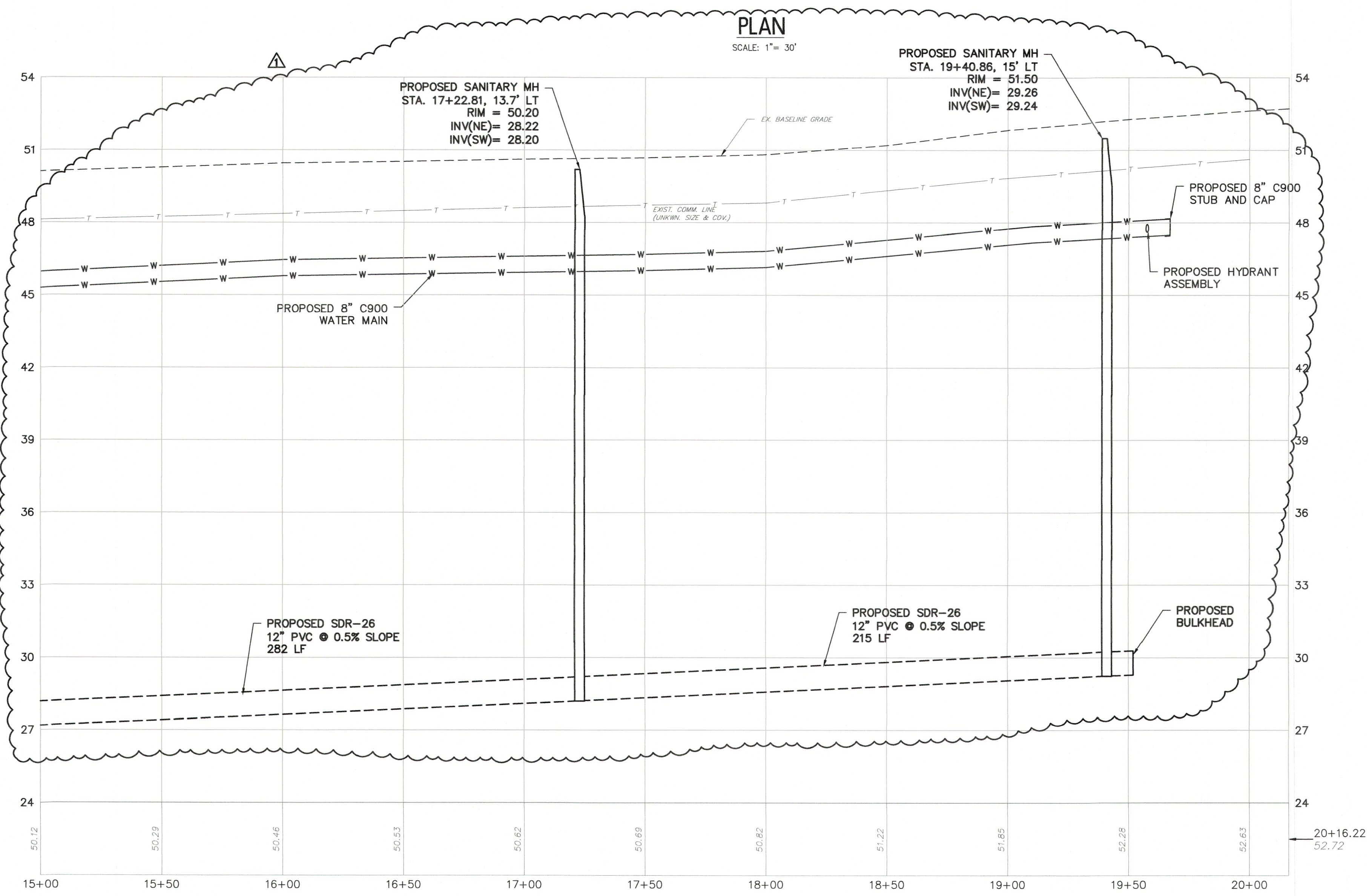
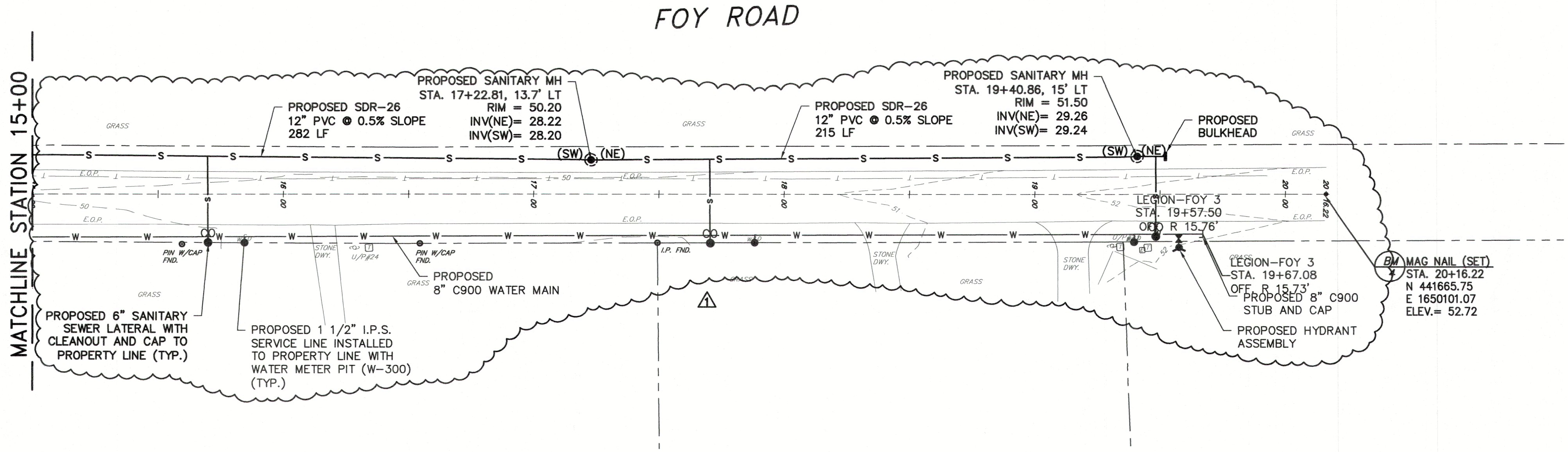
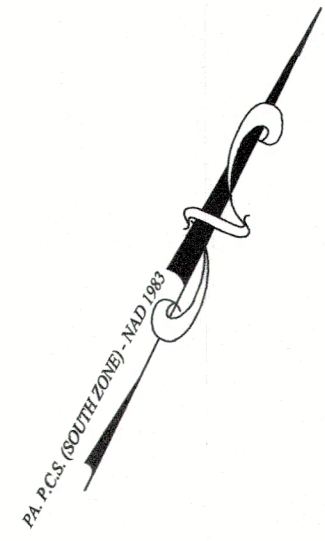
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| ADDENDUM #1 | REVISION | DATE      | BY  | CHK |
|-------------|----------|-----------|-----|-----|
|             |          | 8-21-2023 | JMB | EB  |

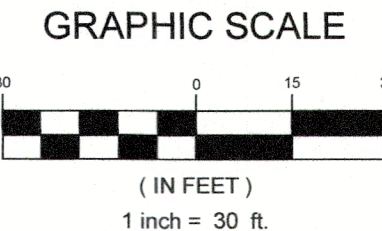
**LEGION ROAD PLAN & PROFILE**  
**STA. 10+00 - 15+00**  
TOWN OF DENTON  
DENTON WATER AND SEWER 2023 EXTENSION PROJECT  
TOWN OF DENTON  
CAROLINE COUNTY  
MARYLAND

| DRAWN BY:  | DESIGN BY: | CHECKED BY: | SCALE:   |
|------------|------------|-------------|----------|
| JMB        | AS/JEB     | CJF         | AS NOTED |
| DATE:      |            |             |          |
| 04-26-2023 |            |             |          |
| JOB No.:   |            |             |          |
| MCDNT015   |            |             |          |
|            |            |             |          |





PROFILE  
SCALE: 1" = 3' VERT.  
SCALE: 1" = 30' HORIZ.



RVE

1901

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& VERNICK  
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DATE: 07-19-2023

CHRISTOPHER J. FAZIO

MD PROFESSIONAL ENGINEER, No. 27351

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| NO. | DATE       | BY      | CHK |
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FOY ROAD PLAN & PROFILE

STA. 15+00 - 20+16.22

TOWN OF DENTON

DENTON WATER AND SEWER 2023 EXTENSION PROJECT

CAROLINE COUNTY

MARYLAND

| DRAWN BY: | DESIGN BY: | CHECKED BY: | SCALE:   |
|-----------|------------|-------------|----------|
| JMB       | ASUEB      | CJF         | AS NOTED |
| DATE:     | 04-26-2023 | SHEET No.:  | 12 of 16 |
| JOB No.:  | MCDNT015   |             |          |



# PRE-BID MEETING AGENDA

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## PRIOR TO THE MEETING

1. Remind client about Pre-Bid Meeting date, time, and location 5 to 7 days prior to meeting.

## REQUIRED ITEMS FOR THE MEETING

2. Sign-In Sheet
3. Bid Schedule
4. Bid Documents
5. Project Plans

## AGENDA ITEMS

1. Announce project name and client and identify if the meeting was mandatory for bidders or not
2. Introductions (client, consultants, etc.)
3. Review bid schedule date and times:
  - a. Pre-Bid Meeting
  - b. Close of Questions
  - c. Bid Opening
  - d. Required Bid Review Timeframe (if applicable, i.e. RCO requirements)
4. Read Scope of Work
5. Explain all questions need to be submitted through PennBid
6. Ask if anyone present has any specific questions for clarifications
  - a. Note that the response to questions can be to direct bidder it needs to be posted on PennBid and will be responded to through the site for all potential bidders
  - b. Questions or clarifications are noted during the meeting and can be uploaded to PennBid if potential bidder does not post it themselves
7. Announce that the sign-in sheet will be posted as an addendum
8. Project site walk-through (if applicable)

## POST MEETING RESPONSIBILITIES

1. Scan sign-in sheet to upload as addendum for bid documents
2. Post any questions or clarifications raised at the pre-bid meeting that may not have been posted by potential bidder

## PRE-BID MEETING SIGN-IN SHEET

Project Name: Denton Water and Sewer 2023 Extension Project

RVE File #: MCDNT014

Date & Time: 8/15/2023 at 10:00 a.m.

Meeting Location: 4 North Second Street Denton, MD 21629

| NAME           | REPRESENTING         | PHONE<br>NUMBER | E-MAIL ADDRESS   |
|----------------|----------------------|-----------------|--|
| James Bulicki  | RVE                  |                 | <a href="mailto:jamesbulicki@rve.com">jamesbulicki@rve.com</a>                 |
| Scott Getchell | Town of Denton       |                 | <a href="mailto:sgetchell@dentonmaryland.com">sgetchell@dentonmaryland.com</a> |
| Mark Chandler  | Town of Denton       |                 | <a href="mailto:mchandler@dentonmaryland.com">mchandler@dentonmaryland.com</a> |
| Bryan Trice    | Town of Denton       |                 | <a href="mailto:btrice@dentonmaryland.com">btrice@dentonmaryland.com</a>       |
| Alex Lindstrom | Lindstrom Excavating |                 | <a href="mailto:alex@lindexc.com">alex@lindexc.com</a>                         |
| Kyle Lindstrom | Lindstrom Excavating |                 | <a href="mailto:kyle@lindexc.com">kyle@lindexc.com</a>                         |
| Johnny Stant   | Teal Construction    |                 | <a href="mailto:jstant@tealconstruction.com">jstant@tealconstruction.com</a>   |
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**NOTE: PLEASE PRINT LEGIBLY & PROVIDE BUSINESS CARDS**



Please see below questions and clarifications discussed at the pre-bid meeting:

1. *Are there any MBE or DBE requirements?*
  - a. There are no MBE/DBE requirements.
2. *Can the contract duration be extended?*
  - a. Addendum #1 will address contract duration and will be extended to 180 days.
3. *Can the bid date be moved to the middle of September?*
  - a. Bid Date will not be rescheduled.
4. *What is the detail for temporary restoration?*
  - a. Details are presented in the Project Specifications Appendix A's Pavement and Concrete Details.
5. *What is the detail for permanent restoration?*
  - a. Details are presented in the Project Specifications Appendix A's Pavement and Concrete Details.
6. *On Foy Road, with the depth of the proposed sewer, there is not enough room to install the sewer on the side with the utility poles as it is shown on the plans. Is it possible to put the water on that side and the sewer on the other side?*
  - a. Addendum #1 will address revised locations of water and sewer mains.
7. *If excavated material is bad, how will imported select fill be paid for?*
  - a. Addendum #1 will address allowances for select backfill.
8. *If more than 4 inches of stone is needed under the pipe due to wet conditions, how will that be paid for?*
  - a. Addendum #1 will address allowances for additional stone.
9. *Is a Maryland Discharge Permit needed?*
  - a. Permits needed for well points as required by MDE shall be the responsibility of the Contractor.
10. *Which roads are state roads and which roads are town roads?*
  - a. All roads are Town roads except Aldersgate Drive, which is a private road, and 2nd Street, which is a County road.
11. *If there are state roads, do you have a state highway permit already?*
  - a. N/A
12. *Are there any borings for this project?*
  - a. No, though contractors can perform borings at their own expense, if desired. Borings must be coordinated with the Town.
13. *Have all necessary easements been acquired?*
  - a. Yes.
14. *Are the wage rates in the spec book the correct wage rates for this project?*
  - a. Wage rates are current as of 8/18/2023.

15. *Are there detour plans for deep sewers?*

- a. Detours will need to be provided by the contractor and will require coordination with the Town during construction.

16. *Are there any issues with road closures?*

- a. Aldersgate Drive must be open on weekends as required by the private owner.

17. *What is the assumed award and construction start dates?*

- a. The Town anticipates an award date of September 7, with a Notice to Proceed being issued in early October, 2023.