

February 19, 2026

To Whom It May Concern:

ADDENDUM #2
WATER STREET FLOODING IMPROVEMENTS
26-0013WW

I. INSTRUCTIONS

- A. The following additions, deletions, revisions, and/or amendments to the original drawings and specifications are hereby made a part thereof, and a part of the contract documents. All provisions of said documents shall remain in force and effect, except as herein amended.
- B. This supplement to the specifications is issued prior to the receipt of Bids. All work covered in this supplement shall be included in the original quotation; and the supplement will be considered part of the Contract Documents. Proposer must acknowledge receipt of this Addendum on the Bid Form. Please consider the following and incorporate it into your bid:
- C. Addendum #1 has been revised and is enclosed as part of this addendum, this shall be the section referenced for all bidders.

End of Addendum #2

If you have any questions, please contact me at (302) 736-7795 or email bwolfgang@dover.de.us.

Sincerely,

Barry Wolfgang
Contract and Procurement Manager
City of Dover
(302) 736-7795
Fax (302) 736-7178
bwolfgang@dover.de.us
www.cityofdover.com

Addendum Receipt Record
26-0013WW

We have received and reviewed the following Addenda (if applicable):

1. Addendum #1, dated February 19,2026.
2. Addendum #2, dated February 19,2026.
3. _____, dated _____.

FIRM NAME: _____

BY: _____

PRINTED: _____

TITLE: _____

DATED: _____

ADDRESS: _____

PHONE: _____

EMAIL: _____

FEDERAL: _____

ID#

February, 19, 2026

To Whom It May Concern:

ADDENDUM #1
WATER STREET FLOODING IMPROVEMENTS
26-0013WW

I. INSTRUCTIONS

- A. The following additions, deletions, revisions, and/or amendments to the original drawings and specifications are hereby made a part thereof, and a part of the contract documents. All provisions of said documents shall remain in force and effect, except as herein amended.
- B. This supplement to the specifications is issued prior to the receipt of Bids. All work covered in this supplement shall be included in the original quotation; and the supplement will be considered part of the Contract Documents. Proposer must acknowledge receipt of this Addendum on the Bid Form. Please consider the following and incorporate it into your bid:
- C. Section 01 22 00 Unit Prices, 31 23 23.13 Backfilling ,Summary of work, Bid Form (Phase I), General Requirements, Advertisement for Bids and Invitation to Bids have been revised. Bidder to utilize enclosed revised forms for submission.

II. PRE-BID MEETING MINUTES

Location: John W. Pitts Center, 10 Electric Avenue, Dover, DE 19904
Speakers: Barry Wolfgang - City of Dover Central Services Department
Jason A. Lyon, P.E.,- City of Dover Department of Water & Wastewater
Ravi Chand Batchu - City of Dover Department of Water & Wastewater
Date: Thursday 5, 2026.
Time: 10:00 A.M. – 10:20 A.M.
Regarding: Optional Pre – Bid Meeting for the Water Street Flooding Improvements. Bid No.: 26-0013WW

Mr. Barry Wolfgang, City of Dover:

- Mr. Wolfgang welcomed everyone to the Water Street Flooding Improvements, Bid No. 26-0013WW
- Mr. Wolfgang stated that the project is listed as a sealed bid.
- In order for the bid to be acceptable, One (1) paper copies and one (1) electronic copy must be submitted in a sealed envelope on the outside of which shall be plainly marked "Sealed Bid: Water Street Flooding Improvements, Bid Opening date/time, Bid No.: 26-0013WW", together with the name and address of the company submitting the Bid.
- ~~Sealed Bid, One (1) paper copies and one (1) electronic "PDF" or Microsoft Word copy will be received by the City of Dover (City), City of Dover Procurement Office, 710 William Street, Dover, DE no later than 2:00 P.M. on Thursday, February 5, 2026 Thursday, February 26, 2026 for the Water Street Flooding Improvements.~~

- Sealed Bid, One (1) paper copies and one (1) electronic “PDF” or Microsoft Word copy will be received by the City of Dover (City), City of Dover Procurement Office, 710 William Street, Dover, DE no later than **2:00 P.M.** on **Thursday, February 26, 2026** for the Water Street Flooding Improvements.

- BID SUBMISSION - All Bids should be delivered to:

Barry Wolfgang
Contract and Procurement Manager
City of Dover Central Services Department
710 William Street
Dover, Delaware 19904

- You must use the Bid form included with the Bid for your submission.
- The Bid Bond is 10% if the total price required for each Bid.
- This project will also require performance and maintenance bond.
- Bidders are fully responsible for the timely delivery of Bids. Late Bids will not be accepted and will be returned to the proposer unopened. Telegraph, telephone, facsimile machine, and electronic mail Bids will not be accepted under any circumstances.
- All questions must be submitted by **Thursday, February 12, 2026**, at which time they will be compiled and answered in the form of an addendum to this Bid on **Thursday, February 19, 2026**, if necessary. The questions must be directed to Barry Wolfgang, email preferred, doverwhse@dover.de.us
- Once opened, the Bid status will be posted on the City web site, www.cityofdover.com/bid-tabulation. The status will be updated as required. Once a decision is made, the tabulation will be posted on the website as well.
- Minority owned vendor preference shall be three percent (3%) of the value of the award. The vendor must identify qualification and claim to the preference on the submitted Bid documents. The vendor must provide authoritative proof of minority ownership such as identification in the certification directory maintained by the State of Delaware, Department of Administrative Services, Office of Minority and Women Business Enterprises to qualify for this preference. This preference is to be considered as a standalone and cannot be added to any other preference that may be allowed. This preference shall not apply to subcontractors.
- Local vendor preference shall be considered for materials, equipment, construction contracts, and utility contracts. Local vendor preference shall be three percent (3%) of the annual value of the award. The term local vendor is defined as a gradually increasing range with preference assigned as follows:
 - Rule 1: Vendor located within the city limits of the City of Dover.
 - Rule 2: Vendor located within Kent County, Delaware (applicable only if no vendor qualifies under rule 1).
 - Rule 3: Vendor located within State of Delaware (applicable only if no vendor qualifies under rule 1 or 2).

If in the event no vendor qualifies under rules 1, 2, or 3, no local vendor preference will be awarded. The vendor must identify qualification and claim to the preference on the submitted Bids documents. This preference is to be considered as standalone and cannot be added to any other preferences that may be allowed.

Ravi Chand Batchu, City of Dover:

- Scope of work and site conditions
- Site Locations- W Water Street (From S West Street to S State Street), S New Street (From W Water Street intersection to South Street) and Bayhealth Parking Lot (S New Street to Governors Avenue) .
- Parking (restrictions) - MOT
- Material storage/Use of facilities/site(restrictions)
- Protection of facilities and Equipment
- Working on site (noise, safety requirements, hours etc.)
- Schedule for completion each Phase – 120 Calendar Days
- Application for Payment, AIA G702/G703 sheet, submitted to City of Dover.
- Nothing stated at the pre-bid meeting will change the project documents unless a subsequent addendum is issued.

Questions/Answers:

1. Can you confirm if this project follows the Davis Bacon wages? It states in the specifications on page AFB-1, Davis Bacon wage rates will apply on this project and are contained in the Contract Documents. If they are in there am I overlooking them?
A. AFB, No Davis Bacon Wages Rates are required.
2. We are reviewing the plans and the pipe schedule shown on the plans and what is on the bid forms are not matching up. Mark Jr has also gone out to the field to double check and it is not coming back with what is on the plans. For example, plan sheet C310 P20 should be between MH-9 & MH-10 for phase II but it is showing under phase I and when you total the pipe schedule sq ft it totals for phase I bid form. Also, on phase III the bid form states 10 curb ramps but the scope of works states 6, can you clarify?
A. Bid Form as been revised.
3. Are there any laydown areas available on this project?
A. Contractor to secure any lay down area.
4. Will all 3 phases be awarded to the overall low bidder for the sum of all 3 phases or will the phases be awarded in separate contracts based on the low bidder for each phase?
A. We are performing only Phase I and Bid form has been revised.
5. Please clarify which streets are DeIDOT jurisdiction and which are City of Dover.
A. W Water Street, S State Street and Governors Avenue are DELDOT jurisdiction. S New Street is maintained by City of Dover.
6. What are the pavement restoration requirements for DeIDOT streets and City of Dover streets? There is a pavement section detail on drawing C302, but it does not state which type of street it is used for.
A. Standard Construction Detail- Delaware Department of Transportation, P-4, Rev.2024.
7. Will DeIDOT and/or City of Dover pavement restoration require full lane width mill and overlay or full width of the street from curb to curb?

A. Yes, as per DELDOT requirement repaving of entire width of the road as per the project Detail.

8. What method of reconnecting RCP pipes to the new manholes is acceptable?

A. Concrete Grout.

9. In several instances there are existing water lines that may have to be relocated due to conflicts with the proposed storm piping. Will this additional work be handled by change order?

A. Please Refer to 01 22 00, relocation of utilities is inclusive in Bid item- 9.

10. There are several instances of sanitary sewer pipes within 18" of the proposed storm piping. Will these pipes be required to be concrete encased? If so, please provide a concrete encasement detail.

A. Yes, we will require encasement.

11. On drawing C-309 there is an existing waterline running in the proposed location of pipe P-5 and P-8. Will this waterline have to be relocated?

A. This area not considered as it is not in Phase I.

12. On drawing C-310 there is a 15" RCP pipe passing just to the left of proposed manhole 9. This pipe is not shown on the profile. What is the depth of this pipe where it crosses the proposed storm pipe P19?

A. This area not considered as it is not in Phase I.

13. On drawing C313, there is a 24" RCP that appears to connect with pipe P-45b at station 42+50.00. Shouldn't there be a manhole at this location? None is shown on the drawing.

A. This area not considered as it is not in Phase I.

14. On drawing C313, there is a 6" RCP that appears to connect with pipe P-45b at station 43+50.00. How is this connection made, or should there be a manhole at this location? None is shown on the drawing.

A. This area not considered as it is not in Phase I.

15. Please confirm the contractor is responsible for all testing to include compaction, concrete, and paving.

A. Yes Contractor is responsible.

16. Is there a trench detail that can be provided with bedding, backfilling, and compaction requirements?

A. Standard Construction Detail- Delaware Department of Transportation, P-4, Rev.2024.

17. The last day for questions is February 12th. In the event a satisfactory response to a bidder's question(s) is not provided by addendum, will the bidder have the opportunity to ask a follow up question to seek further clarification?

A. No.

18. Are prevailing wages required on this project?

A. No.

19. Can a drawing or description be provided of where the 3 phases are located on the project? Many bid items are dependent on knowing the limits of each phase.

A. Phase I, is located on C310 & C311, other phases will not be considered.

20. Is there a pavement restoration detail for the parking lot pavement on drawings C-312 and C-313?

A. Standard Construction Detail- Delaware Department of Transportation, P-4, Rev.2024.

21. Drawing C-312 depicts pipe 43a connecting to an existing RCP pipe without using a manhole or junction box. What method(s) of reconnecting this pipe is acceptable?

A. This area not considered as it is not in Phase I.

22. The erosion control drawings only depict inlet protection for existing catch basins. Should we also include inlet protection for the proposed catch basins?

A. Yes, during active construction Inlet Protection will be required.

23. During the pre-bid meeting traffic control detour setups were mentioned for use on this project. Are any of the detour plans available for bidders to price this work?

A. It will be a road closure, which can be closed during the duration of the phase, provided that the contractor continuously works on the project.

24. If no detour plans are available, can the City specify an allowance for bidders to include to cover the cost of these items?

A. Detour plans will be provided by the City is prior to construction phase..

25. Are any DelDOT permits available for this project?

A. Permit is forthcoming.

26. Will streets have to be reopened at the end of each workday?

A. No, roads will be closed until the work is completed; Detour Plan will be provided.

27. For the excavation and embankment bid item, does this include hauling off excavated material and importing type C borrow for backfill of trenches?

A. Yes, it includes removal of unsuitable material & replacement of Type C borrow. Unit Price-5 in 01 22 00.

28. For the excavation and embankment bid item, what width of pipe trench is payment determined? How will excavation and embankment be measured? This is not stated on the unit price description, nor the excavation, backfilling, or trenching specifications?

A. Contractor able to determine depending upon the size of the pipe.

29. For the Roto Milling bid item, what is the depth in inches?

A. 2" inches

30. For the Hot C Mix bid item, what is the depth in inches?

A. Please Refer to C302

31. There are no bid items for hot mix type B or GABC. Can these be added to the bid form?

A. It's inclusive of pipe cost.

32. Can a trench restoration detail be provided of the pavement restoration required for streets and the widths for the GABC, Type B, and Type C pavement layers?

A. Standard Construction Detail- Delaware Department of Transportation, P-4, Rev.2024.

33. For the contingent curb ramp adjustments to DeIDOT specifications, are the locations of these ramps known and can a drawing with them called out be provided?

A. Yes, included in this package.

34. Specification 312323.13 Backfilling. Please confirm the owner will be paying for compaction testing as stated in this section, part 3.05, paragraph D, last sentence.

A. Contractor is Responsible for payment and it is revised in the Document.

35. Specification 312316.13 Trenching, section 3.07, paragraph C calls for compaction testing every 50' of pipe trench. Specification 312323.13 Backfilling, section 3.05, paragraph C calls for compaction testing every 100' of pipe trench. Which is correct?

A. 50'.

36. Specification 012200 Unit Prices, Bid item 3 - Erosion and Sediment Control lists silt fence and matting which are not shown on the drawings. Are these items required and can a drawing(s) be provided showing where they are located?

A. This requirement has been removed from item 3 in 01 22 00.

37. Specification 012200 Unit Prices, Bid item 7 - Roto Milling, section 2 Payment refers to manhole installation. Can this language be disregarded?

A. This requirement has been removed from item 7 in 01 22 00.

38. Specification 012200 Unit Prices, Bid item 8 - Hot Mix C, section 2 Payment refers to inlet installation. Can this language be disregarded?

A. This requirement has been removed from item 8 in 01 22 00.

39. Specification 012200 Unit Prices, Bid item 9 - Reinforced Concrete Pipe, section 2 Payment includes bituminous pavement installation. Is this only referring to the base course hot mix type B?

A. Yes.

40. Specification 330130.11 Television Inspection of Sewers. There is no bid item for CCTV inspection of sewers and CCTV is not in Specification 011100 Summary of Work, section 1.02 Scope of Work or Specification 012200 Unit Prices Bid Item 9 description. Can a bid item be added for this work or clarification that it is to be included in the pipe installation?

A. Bid item-1 has been adjusted.

41. In the contract agreement, section 4 insurance, please confirm that coverages for the following items are not required for this project. None are stated in Specification 011100 Summary of Work, section 1.02 Scope of Work.

#5 - Riggers Liability Insurance

#6 - Pollution Liability Insurance,

#7 - Aircraft Liability and/or Unmanned Aircraft Systems (UAS, aka Drones)

#8 - Crime Insurance

#9 - Owner's Contractor's Protective

#10 - Owned, Leased, Rented or Borrowed Equipment

#11 - Installation Floater

A. All these would not be required.

41. What are the available work hours for this project?

A. DELDOT will allow daytime hours (7:00 am to 4:00 pm).

42. I've scoured through the contract documents. Page 10 Section AFB states that Davis Bacon Wage rates apply. I can't find them in the documents. Please advise.

A. No Davis Bacon Wage rates and Revised in AFB.

Meeting was adjourned at 10:20 AM.

III. ATTENDANCE ROSTER

CITY OF DOVER				
Water Street Flooding Improvements - (26-0013WW)				
The following is a list of attendees for the optional pre-bid meeting for the Water Street Flooding Improvements, Thursday, February 5, 2026 at 10:00 a.m. The meeting was conducted at the JW Pitts Center, 10 Electric Avenue, Dover, DE				
PRINTED NAME, COMPANY	ADDRESS	PHONE	FAX	E-MAIL
Barry Wolfgang, City of Dover	710 William Street Dover, DE 19904	302-736-7795	bwolfgang@dover.de.us	bwolfgang@dover.de.us
Jason Lyon, City of Dover	5 East Reed Street Dover, DE 19901	302-736-7025	jlyon@dover.de.us	jlyon@dover.de.us
Ravi Chand Batchu, City of Dover	5 East Reed Street Dover, DE 19901	302-674-7561	rbatchu@dover.de.us	rbatchu@dover.de.us
Johnny Stant Teal Construction	612 Mary Street Dover DE 19904	302-270-7090		jstant@tealconstruction.com
Liz Toto Diamond Materials	N. James St Newport DE	302-727-1006		estimating@diamondmaterials.com etoto@diamondmaterials.com
Aaron FibelKorn George J Lynch	150 Harrison Ln Dover DE 19901	302-387-9011		a.fibelkorn@gcolyn.com
Abby Wilson Ready 4 Work	32 West Uscher Street Dover, DE 19901	302 2336463		uscveteranbuilder@gmail.com
Reybold Construction	116 East Scotland Dr. Bear, DE 19701	609-202-4112		shewman@reybold.com
A-del Construction	10 Adel Drive Newark DE 19702	453 302 8286		Ohanna@a-del.com estimates@a-del.com
KENT CONSTRUCTION	2 BIG OAK RD SMYRNA, DE. 19971	302-258-8061	DWAYNE@KENTCONSTRUCTION CO.COM	
mark kubit Gateway Construction		302653440	gwcc2001@aol.com	gwcc2001@aol.com
Roger Gordon/Pump Outs	2214 N Market St Surtz Wilm DE	302 668-2203		quotes@pumpoutsanlim.ted.com

End of Addendum #1

If you have any questions, please contact me at (302) 736-7795 or email bwolfgang@dover.de.us.

Sincerely,

Barry Wolfgang
Contract and Procurement Manager
City of Dover
(302) 736-7795
Fax (302) 736-7178
bwolfgang@dover.de.us
www.cityofdover.com

Addendum Receipt Record

Bid 26-0013WW

We have received and reviewed the following Addenda (if applicable):

1. Addendum #1, dated February 19, 2026.
2. _____ dated _____.
3. _____, dated _____.

FIRM NAME: _____

BY: _____

PRINTED: _____

TITLE: _____

DATED: _____

ADDRESS: _____

PHONE: _____

FAX: _____

FEDERAL: _____

ID#

Water Street Curb Ramp Evaluations

Intersection/ Entrance	Ramp Running Slope (8.3% Max)	Ramp Cross Slope (2.0% Max)	Landing Running Slope (2.0% Max)	Landing Cross Slope (2.0% Max)	Ped Button Height (42" - 48")	Ped Button Distance to Curb (10' Max)	Ped Button Greater Than 5' Perpendicular to Crosswalk
W Water St & S Governors Ave							
62	7.50%	1.30%					
63			1.70%	0.60%	40.5"	7'0"	
64	8.50%	3.40%					
65	7.80%	3.40%					
66			2.70%	1.30%	44"	9'0"	
67	7.10%	3.40%					
68	7.50%	3.40%					
69			2.00%	0.80%	35.5"	5'0"	
70	10.50%	3.40%					
71	6.60%	2.70%					
72			1.30%	2.70%	36.5"	6'0"	
73	10.10%	2.00%					
74	9.20%	1.30%					
75			3.10%	0.00%	35.75"	5'5"	
76	7.50%	3.40%					
77	6.90%	2.10%					
78			2.70%	0.40%	37"	5'4"	
79	9.60%	3.10%					
80	0.00%	2.40%					
81			4.90%	1.90%	34.5"	8'2"	
82	10.10%	1.20%					
83	5.00%	1.70%					
84			3.40%	1.00%	34.5"	8'1"	
85	5.90%	0.80%					

 =Not Compliant

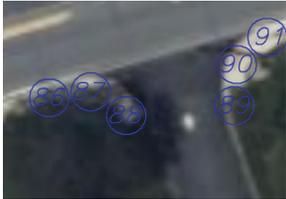


Water Street Curb Ramp Evaluations

Intersection/ Entrance	Ramp Running Slope (8.3% Max)	Ramp Cross Slope (2.0% Max)	Landing Running Slope (2.0% Max)	Landing Cross Slope (2.0% Max)	Ped Button Height (42" - 48")	Ped Button Distance to Curb (10' Max)	Ped Button Greater Than 5' Perpendicular to Crosswalk
Bayhealth Entrance							
86	3.80%	0.80%					
87			2.00%	1.30%			
88	9.10%	1.70%					
89	5.50%	1.90%					
90			1.00%	0.60%			
91	5.20%	0.60%					

PLEASE IGNORE BAYHEALTH ENTRANCE CURB RAMPS AS NOT PART OF PHASE I

 =Not Compliant



Intersection/ Entrance	Ramp Running Slope (8.3% Max)	Ramp Cross Slope (2.0% Max)	Landing Running Slope (2.0% Max)	Landing Cross Slope (2.0% Max)	Ped Button Height (42" - 48")	Ped Button Distance to Curb (10' Max)	Ped Button Greater Than 5' Perpendicular to Crosswalk
DE Depart of Justince & Attorney General Exit							
92	2.40%	0.50%					
93			2.20%	0.80%			
94	2.80%	0.60%					
95	8.20%	0.60%					
96			1.70%	1.00%			
97	4.30%	1.70%					

 =Not Compliant



Water Street Curb Ramp Evaluations

Intersection/ Entrance	Ramp Running Slope (8.3% Max)	Ramp Cross Slope (2.0% Max)	Landing Running Slope (2.0% Max)	Landing Cross Slope (2.0% Max)	Ped Button Height (42" - 48")	Ped Button Distance to Curb (10' Max)	Ped Button Greater Than 5' Perpendicular to Crosswalk
DE Depart of Justince & Attorney General Entrance							
98	5.90%	0.10%					
99			1.20%	1.70%			
100	9.20%	1.20%					
101	9.80%	0.00%					
102			2.80%	0.50%			
103	7.50%	1.20%					

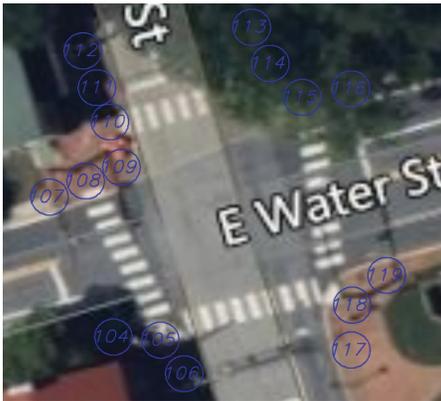
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Water Street Curb Ramp Evaluations

Intersection/ Entrance	Ramp Running Slope (8.3% Max)	Ramp Cross Slope (2.0% Max)	Landing Running Slope (2.0% Max)	Landing Cross Slope (2.0% Max)	Ped Button Height (42" - 48")	Ped Button Distance to Curb (10' Max)	Ped Button Greater Than 5' Perpendicular to Crosswalk
W Water St & S State St							
104	4.70%	1.50%					
105			1.50%	0.10%	35"	6'3"	
106	6.20%	1.90%					
107	4.50%	1.20%					
108			8.50%	1.00%	38.25"	8'2"	
109	1.20%	1.00%					
110	0.60%	0.50%					
111			3.30%	2.20%	39"	7'6"	
112	7.30%	4.10%					
113	8.00%	1.70%					
114			5.90%	0.10%	36.25"	8'1"	
115			8.30%	0.80%			
116	6.90%	3.60%					
117	2.40%	4.80%					
118			5.40%	1.20%	42"	9'10"	6'
119	7.50%	3.40%					

 =Not Compliant



SECTION AFB

ADVERTISEMENT FOR BIDS

Sealed bids will be received on behalf of the City of Dover, (herein called the "Owner") at the City of Dover, City of Dover Procurement Office, 710 William Street, Dover, DE 19904 no later than 2:00 p.m. EST on **Thursday, February 26, 2026**. Bids will then be publicly opened and read aloud immediately thereafter for the following:

Water Street Flooding Improvements

Bid No.: 26-0013WW

Contract Duration Phase 120 Days

This work is detailed in the **Water Street Flooding Improvements**:

- **Water Street Flooding Improvements Invitation to Bidders**, contract drawings and generally consists of mobilization and demobilization to site, establish maintenance of traffic, establish sediment and erosion controls, survey and layout of site, installation of the following: Phase I: 725 linear feet of 24-inch (24") reinforced concrete pipe class III, 48" X 30" Box Manhole (Up To 9' Deep), 72" Round Manhole (Up To 7' Deep), and adjust Curb Ramps (12 each) to meet DELDOT Specifications. Properly disposing of existing reinforced concrete pipe, and Installation of Manholes as per the Plans provided. Repavement of entire width of the Road as per DEDLOT specifications.
- Drawings and Specifications, including the bid forms, may be obtained, in PDF format, for \$50.00 from the City of Dover Department of Water & Wastewater, 5 E Reed St, Dover, DE 19901. Drawings and Specifications Fees are **NON-REFUNDABLE**. If picking up a CD (Construction Documents) at the Department of Water & Wastewater office, **please contact 302-736-7025 to provide 48 hours' notice before pickup, so that the files will be ready upon arrival.**

Each BID must be accompanied by a BID BOND payable to the Owner for ten (10) percent of the total amount of the BID. No Bidder may withdraw their bid within ninety (90) days after the actual date of the opening thereof. The right is reserved, as the interests of the City of Dover may appear, to reject any and all bids, to waive any information in bids received, and to accept or reject any items of any bid.

City of Dover, Delaware

By Barry Wolfgang
Contract and Procurement Manager

SECTION ITB
INVITATION TO BID

BID NUMBER: 26-0013WW

Sealed Bids, one (1) paper copy and one (1) electronic copy, will be received by the City of Dover, City of Dover Procurement Office, 710 William Street, Dover, DE 19904 no later than **2:00 P.M.** on **Thursday, February 26, 2026** for the general construction of the **Water Street Flooding Improvements** project, at which time the bids will be opened publicly and read aloud.

I. NAME OF SOLICITING GOVERNMENT

City of Dover, Delaware
City Hall – The Plaza
P.O. Box 475
Dover, Delaware 19903-0475

II. PURPOSE OF REQUEST

A. Water Street Flooding Improvements

The work under this project generally consists of mobilization and demobilization to site, establish maintenance of traffic, establish sediment and erosion controls, survey and layout of site, installation of the following: Phase I: 725 linear feet of 24-inch (24") reinforced concrete pipe class III, 48" X 30" Box Manhole (Up To 9' Deep), 72" Round Manhole (Up To 7' Deep), and adjust Curb Ramps (12 each) to meet DELDOT Specifications. Properly disposing of existing reinforced concrete pipe, and Installation of Manholes as per the Plans provided. Repavement of entire width of the Road as per DELDOT specifications.

B. The Contractor shall and will furnish and deliver to the City all labor, materials and equipment to successfully complete the work of this Contract, of which all construction documents are a part, and all other appurtenances and incidental items of the work complete and in place.

C. The City of Dover (the City) invites written bids from qualified contractors that are interested in providing services, as outlined below.

III. SCOPE OF WORK

D. The work to be done is covered in the Construction Documents (Drawings) titled Water Street Flooding Improvements and in the project technical specifications titled Water Street Flooding Improvements, section 01 11 00 Summary of Work.

A. All implements, machinery, tools, maintenance of traffic (traffic control), equipment, material, shall be provided by the contractor, including the labor necessary for the installation of the new water main and abandonment of existing piping, and shall furnish and do everything necessary to make the work perfect, complete, neat and finished, and

the Contractor shall leave all the work to be done under this Contract in this condition at the time the work is finally inspected.

IV. STATEMENT OF QUALIFICATIONS (SOQ)

- A. All contractors submitting bids shall include the following: an acceptable experience record, an acceptable equipment schedule and any other documents deemed necessary by the City of Dover. Below is a detailed list of the items that must be submitted to the City of Dover on the date of the bid opening.
1. Business name and contact person, together with the address, telephone number, facsimile number and email address, of the office from which the services will be provided.
 2. Proof of insurance, complying with the **Instructions to Bidders** Section, including the following documentation:
 - Certificate of Insurance
 - Declaration Page
 - Insurance policy documents (upon receipt of Contract)
 3. A financial statement prepared by an independent certified public accountant or an independent public accountant holding a valid permit issued by an appropriate State licensing agency and shall have been so prepared as to reflect the financial status of the submitting company. This statement must be current and not more than one (1) year old. In the case that the bid date falls within the time that a new statement is being prepared, the previous statement shall be updated by proper verification.
 4. Identify the personnel who will manage and supervise this project, as well as the staff responsible for jobsite safety, quality control and other specialties. Provide each person's title and project-specific responsibilities, and resume. Lack of detailed information on the resumes may result in a less favorable evaluation. Provide an organization chart diagram if necessary to clearly explain the lines of authority, duties & responsibilities.
 5. The bidder shall provide documentation showing satisfactory performance as the prime contractor (General Contractor) responsible for the complete construction of five (5) similar projects within the past five (5) years. Projects considered "similar" to the Flooding Improvement project are defined as those with two or more of the following characteristics:
 - Experience in construction of similar sized stormwater infrastructure upgrade projects
 - Experience in construction of any sized stormwater infrastructure upgrade projects
 - Experience with any underground utility construction in the State of Delaware
 6. Documentation that the business is licensed, insured, and authorized to do work in the State of Delaware as well as the City of Dover.
 7. A minimum of three (3) references must be provided. Governmental references preferred. For each reference listed, the information provided should consist of

the following:

- **Name and mailing address of the owner/business**
- **Name and telephone number of your contact person within said business**

Provide a list of references the City may contact in order to assist in the evaluation of your past performance. Please limit these references to owners of projects that involved the installation/replacement of water mains.

8. The City's plan is to complete the proposed work by the end of September 2026. Provide documentation stating that your business has the available equipment, manpower resources and ability to meet the proposed schedule.
9. Provide documentation that shows that your business has a current safety plan and or policy in place and conducts periodic safety training.
10. Information on the nature and magnitude of any litigation or proceeding whereby, during the past three (3) years, a court or any administrative agency has ruled against the bidder in any matter related to the professional activities of the bidder. Similar information shall be provided for any current or pending litigation or proceeding.
11. A statement to the effect that the selection of the bidder shall not result in a conflict of interest with any other party which may be affected by the work to be undertaken. Should any potential or existing conflict be known by a bidder, said bidder must specify the party with which the conflict exists or might arise, the nature of the conflict, and whether or not the proposer would step aside or resign from the engagement or representation creating the conflict. (The City reserves the right to select more than one firm to perform the required services to avoid conflict of interest and other similar occurrences.)
12. Any additional information that you feel will be beneficial to the City in evaluating your qualifications to perform the proposed scope of work.

V. COMPENSATION

- A. The bid should clearly state the fee to be charged for the proposed work and should be provided on the attached Bid Form one (1) copy.

END OF SECTION ITB

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SECTION BF

BID FORM

Date: _____

Bid of _____ (hereinafter called "BIDDER"), organized and existing under the laws of the State of Delaware doing business as _____*. To the City of Dover (hereinafter called "OWNER").

In compliance with the Invitation to Bid, BIDDER hereby proposes to perform all WORK for the **Water Street Flooding Improvements, Invitation to Bidders, Bid No.: 26-0013WW**, in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below. The BIDDER has examined the Drawings and Specifications with related documents and the site of the proposed work, being familiar with all of the conditions surrounding the construction of the proposed project including materials and supplies, and to construct the project in accordance with the CONTRACT DOCUMENTS at the price stated below. The price is to cover all expenses incurred in performing the work required under the Contract Documents of which this Bid is a part.

The BIDDER declares that the attached Specifications and the Drawings therein referred to have been carefully examined and are understood. It is proposed and agreed if the Bid is accepted to contract with the City of Dover the required work in the manner set forth in the Specifications and shown by the Drawings.

*Corporation, Partnership, or Individual as applicable.

BIDDER hereby agrees to commence WORK under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete Phase within 120 consecutive calendar days thereafter. Liquidated damages of \$500 per day will be in effect with this PROJECT, refer to section 01 00 00 General Requirements.

BIDDER acknowledges receipt of the following ADDENDUM (if applicable):

The BIDDER declares that the only person, firm or corporation, or persons, firms or corporations, that has or have any interest in this bid or in the Contract or Contracts proposed to be taken is or are the undersigned; that this bid is made without any connection or collusion with any person, firm or corporation, making a bid for the same work.

Items to be included with Bid: ___ Completed Bid Form (1 Copy) and one electronic copy
 ___ Bidders Statement of Qualifications
 ___ Bid Bond (10% of the total amount of the BID)

The bidder agrees that this bid shall be good and may not be withdrawn for a period of 90 calendar days after the scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this bid, bidder will execute the formal contract attached within 10 days and deliver.

The names and addresses of all members of a firm or the names, addresses, and titles of every officer of a corporation as the case may be, must be given here by the member if the firm or by the officer or agent of the corporation who signs the Bid.

Respectfully submitted:

_____	_____
Signature	Company Name
_____	_____
Title	Address
_____	_____
Date	
_____	_____

License Number (if applicable) Telephone No.
SEAL – (If BID is by a corporation)

If a Partnership, state names and addresses of Partners here:

_____	_____
_____	_____
_____	_____

**WATER STREET FLOODING IMPROVEMENTS
 BID NO.: 26-0013WW
 CITY OF DOVER, DELAWARE**

BID FORM

BIDDER agrees to perform the work described in the CONTRACT DOCUMENTS for the following prices:

PHASE I

BID ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	BID AMOUNT
01	MOBILIZATION/DEMobilIZATION	1	LS		
02	MAINTENANCE OF TRAFFIC	1	LS		
03	EROSION AND SEDIMENT CONTROL	1	LS		
04	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1	LS		
05	EXCAVATION AND EMBANKMENT	2887	CY		
06	SAW CUTTING BITUMINOUS CONCRETE	1450	LF		
07	ROTO MILLING	49300	SY-IN		
08	HOT C MIX	300	TON		
09	REINFORCED CONCRETE PIPE 24" CLASS III	725	LF		
10A	48" x 30" BOX MANHOLE (UP TO 9' DEEP)	4	EACH		
10B	72" ROUND MANHOLE (UP TO 7' DEEP)	1	EACH		
	CONTINGENCY ITEMS	QUANTITY	UNIT		
11	ADJUST CURB RAMPS TO MEET DELDOT SPECIFICATIONS	12	EACH		
SUB TOTAL					

TOTAL AMOUNT FOR PHASE I BID NO.: 26-0013WW

\$ _____

Contractor's Name

Signature

Title

Date

NOTE:

- Contractor shall supply documentation to answer all requirements in the Statement of Qualification section, located in Section ITB.

LOCAL VENDOR PREFERENCE

Circle One: Rule 1 Rule 2 Rule 3 None

MINORITY OWNED VENDOR PREFERENCE

Circle One: YES NO

END OF SECTION BF

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SECTION 01 00 00

GENERAL REQUIREMENTS

PART 1 GENERAL

1.01 SITE LOCATION

- A. Project location is in the City of Dover, Kent County, Delaware as shown on cover sheet of plans

1.02 WORK COVERED BY CONTRACT DOCUMENTS

- A. Without intending to limit or restrict the extent of Work required under Contract, the Work is generally divided into : Phase I: 725 linear feet of 24-inch (24") reinforced concrete pipe class III, 48" X 30" Box Manhole (Up To 9' Deep), 72" Round Manhole (Up To 7' Deep), and adjust Curb Ramps (12 each) to meet DELDOT Specifications. Properly disposing of existing reinforced concrete pipe, and Installation of Manholes as per the Plans provided. Repavement of entire width of the Road as per DEDLOT specifications.
- B. The Project Drawings are generally indicative of the Work; however, they cannot show all actual construction conditions. Modifications in the work to compensate for minor interferences and structural obstructions shall be as part of the Work at no additional cost to the Owner

1.03 CONTRACT TIME

- A. The Bid Form states the number of consecutive work days allowed from date of "Notice to Proceed" to date of completion of the entire project under this Contract. For each and every day that the Contractor is in default in completing the Contract, as defined in the General Conditions and the bid, he shall pay the Owner the sum of \$500.00 in liquidated damages.
- B. The Owner reserves the right to take either or both of the following actions at any time, that in his judgment, it appears the scheduled completion date will not be met:
 - 1. Require the Contractor to assign additional construction forces to the work.
 - 2. Delete all or any portion of remaining work from this Contract and assign such work to another Contractor or accomplish same by any other method which may appear most advantageous.
 - 3. These remedies are supplementary to all other provisions of the specifications and do not void such other provisions.

1.04 SAFETY

- A. In accordance with generally accepted construction practices, the Contractor shall be solely and completely responsible for conditions of the job site, including safety of all persons and property affected directly or indirectly by his operations during the performance of the work. The requirement will apply continuously 24 hours per day until acceptance of the Work by the Owner and shall not be limited to normal working hours.

- B. All safety laws, rules, ordinances or regulations adopted or that may be enacted hereinafter by State, Federal or Local Authority shall govern all construction and operation of facilities under these Contract Documents. Each and every provision of law, rule, ordinance, regulation or clause required by law as related to safety to be inserted in these specifications or contract shall be deemed to be inserted herein and the Specifications or Contracts shall be read and enforced as though it were included herein.

PART 2 PRODUCTS

Not Used

PART 3 EXECUTION

Not Used

END OF SECTION 01 00 00

SECTION 01 22 00

UNIT PRICES

PART 1 - GENERAL

1.01 GENERAL

- A. Payment for the work completed under this Contract will be made at the lump sum and unit prices bid, which shall include the furnishing of all labor, tools, equipment and materials, and performance of all work required to complete the project as indicated and specified in accordance with all requirements of the Contract Documents and to the entire satisfaction of the Owner's Engineer.
- B. All work, incidental and miscellaneous items, and materials for which no specific bid item is shown and which are necessary to complete the project in accordance with the contract documents and to maintain and/or repair the work are incidental to the bid items listed below and shall be done and furnished by the Contractor without extra charge.
- C. The Contractor will be compensated monthly for only the materials in-place, complete, and will not be compensated for materials stored. In the case of lump sum items, monthly compensation will be on the basis of the schedule of values to be agreed upon prior to beginning construction.
- D. All materials furnished and installed shall comply with all requirements set forth in the City of Dover's Water/Wastewater Handbook. All items not specified in the City of Dover's Water/Wastewater Handbook must be approved by the City of Dover Department of Water & Wastewater before installing.

1.02 AUTHORITY

- A. The Contractor shall provide the services of a Delaware registered surveyor to take all measurements and compute quantities. The Engineer will verify measurements and quantities.

1.03 UNIT QUANTITIES SPECIFIED

- A. Quantities and measurements indicated in the Bid Form are for bidding and contract purposes only. Quantities and measurements supplied or placed in the Work and verified by the Engineer shall determine payment. The City of Dover is not liable to the Contractor for any additional compensation based on any variance between the estimated quantities and the actual quantities installed during the course of the Project. The Contractor shall be paid solely for the actual quantities of items installed at the bid price.
- B. If the actual Work requires more or fewer quantities than those quantities indicated, provide the required quantities at the unit sum/prices contracted.

1.04 MEASUREMENT OF QUANTITIES

- A. Lineal Foot
 - 1. Measurement of linear feet to be paid under this section shall be the actual number of linear feet of material installed in accordance with these specifications, measured as described further in this section, complete, in place and accepted.

2. The cost of any connections of couplings shall be included in the price bid per linear foot for this item.
- B. Square Yards
1. Measurement of square yards of material to be paid under this section shall be the actual number of square yards of material installed in accordance with these specifications, measured from end to end, complete, in place and accepted.
- C. Cubic Yards
1. Measurement of cubic yards of material to be paid under this section shall be the actual volume of cubic yards of material installed in accordance with these specifications, measured from end to end, complete, in place and accepted.
 2. The maximum payment width for pipe trenches shall be as shown on the drawings.
- D. Each
1. The number of each item installed shall be measured on the actual number of each unit installed in accordance with the plans and specifications, complete, in place and accepted.
 2. The cost of any incidentals shall be included in the price bid for this item.
- E. Lump Sum
1. This item will not be measured.

1.05 PAYMENT

- A. Payment includes: Full compensation for all required labor, Products, tools, equipment, plant, transportation, services and incidentals, erection, application or installation of an item of the Work; overhead and profit.
- B. Final payment for work governed by unit prices will be made on the basis of the actual measurements and quantities accepted by the engineer multiplied by the unit price for work which is incorporated in or made necessary by the work.
- C. Linear Foot
1. The number of linear feet as determined above shall be paid for at the contract unit price per linear foot bid for this item.
- D. Square Yards
1. The square yards of material as measured above shall be paid at the contract unit price bid for the item.
- E. Cubic Yards
1. The cubic yards of material as measured above shall be paid at the contract unit price bid for the item.
- F. Each
1. The number of each item as determined above shall be paid for at the contract unit price bid for the item.

G. Lump Sum

1. The contract lump sum price will be made under this item in proportion to the amount of work done as determined by the Engineer.

1.06 Bid Items

A. Bid Item 1- Mobilization/Demobilization

1. Measurement - This item will not be measured. The Lump Sum payment for this item will be full compensation for providing initial services and facilities required to mobilize for and commence the work of this project and for all activities associated with final equipment removal and site clean-up as shown, specified and required to provide a complete project.
2. Payment: The payment for mobilization/demobilization will be made at 50 % on the first payment requested with the remainder paid in even monthly increments spread out over the Contract Time. Costs to be included under this item shall include such items as bonds, insurance, shop drawings, submittals, temporary facilities and controls, permits, notifications, surveying, subsurface investigations, test pits, and photography, CCTV Inspection , hydrostatic testing, along with other costs and incidentals associated with initiating and finishing the work.

B. Bid Item 2 – Maintenance Of Traffic

1. Measurement - This item will not be measured. The Lump Sum payment for this item will be full compensation for all items related to the control of traffic throughout the course of the project in accordance with the plans, the latest edition of the Delaware Manual on Uniform Traffic Control Devices (MUTCD) and any additional requirements as set forth by the Delaware Department of Transportation.
2. Payment – The contract lump sum price will be paid under this item in proportion to the amount of work completed as determined by the Engineer. The lump sum price bid shall include all of the Contractor's costs of whatsoever nature. The price bid shall include, but not limited to preparation of a detailed traffic and pedestrian control plan, proposed detour plans, notifications, coordination, furnishing, transporting and set up of all traffic control equipment, materials and labor to the various areas of construction as necessary to complete the work in accordance with the Plans and the latest edition of the Delaware Manual on Uniform Traffic Control Devices (MUTCD).

C. Bid Item 3 - Erosion and Sediment Control

1. Measurement – This item will not be measured. The lump sum payment for this item will be full compensation for all work related to the installation and maintenance of Erosion and Sediment Controls in accordance with the plans, specifications, Kent County Conservation District and DNREC Requirements.
2. Payment - The contract lump sum price will be paid under this item in proportion to the amount of work completed as determined by the Engineer and shall include, but not be limited to the furnishing of all materials, labor,

installation and maintenance of all Erosion and Sediment Controls required including inlet protection, temporary stabilization, etc. in accordance with the latest edition of the Delaware Erosion and Sediment Control Handbook and these plans.

D. Bid Item 4 – Removal Of Structures and Obstructions

1. Measurement – This item will not be measured. The lump sum payment for this item will be full compensation for all work related to the Removal Of Structures and Obstructions of the proposed work in accordance with the plans and specifications.
2. Payment - The contract lump sum price will be paid under this item in proportion to the amount of work done in accordance with the plans and specifications.

E. Bid Item 5 – Excavation And Embankment

1. Measurement - Measurement of cubic yard to be paid under this section shall be the actual number of cubic yard of excavation and embankment performed in accordance with the plans and specifications, measured along the centerline from end to end. This includes removal of any proper disposal of unsuitable material and replacement with Type C Borrow.
2. Payment - Payment will be based on cubic yards of excavation and embankment as measured in bid form shall be paid at the contract unit price bid.

F. Bid Item 6 – Saw Cutting Bituminous Concrete

1. Measurement - Measurement of linear feet to be paid under this section shall be the actual number of Saw Cut Bituminous Concrete in accordance with the plans and specifications.
2. Payment - Payment will be based on the linear feet for Saw Cutting Bituminous Concrete at the contract unit price bid for installation. The price bid to saw cut Bituminous Concrete shall include but not be limited to furnishing of all labor, equipment and materials necessary to complete the work including survey and layout, and all other items necessary to complete the work as specified and shown in the contract documents.

G. Bid Item 7 – Roto Milling

1. Measurement – Measurement will be based on the SY-IN for Milling installed in accordance with the plans and specifications, complete, in place and accepted.
2. Payment – Payment will be based on the SY-IN for Milling installed at the contract unit price bid for installation. The price bid to install the Roto Milling shall include but not be limited to furnishing of all labor, equipment and materials necessary to complete the work including survey and layout, notifications, and all other items necessary to complete the work as specified and shown in the contract documents.

H. Bid Item 8 – Hot Mix C

1. Measurement – Measurement will be based on the Tons of Hot Mix C for repavement of road in accordance with the plans and specifications, complete, in place and accepted.
 2. Payment – Payment will be based on Tons of Hot Mix C for repavement of road installed at the contract unit price bid for installation. The price bid to install the Hot Mix C shall include but not be limited to furnishing of all labor, equipment and materials necessary to complete the work including survey and layout, notifications, excavation, furnish and installation and all other items necessary to complete the work as specified and shown in the contract documents.
- I. Bid Item 9 – Reinforced Concrete Pipe
3. Measurement - Measurement of linear feet to be paid under this section shall be the actual number of linear feet of reinforced concrete pipe installed in accordance with the plans and specifications, measured along the centerline from end to end.
 4. Payment - The number of linear feet as determined above shall be paid for at the contract unit price per linear foot bid for storm pipe installed per the requirements of the Contract Documents. The unit price bid for this item will be full compensation for providing all labor, material, equipment, tools and incidentals, necessary to furnish and install the new pipe in accordance with the plans and specifications, including but not limited to notification and coordination with property owners, test pits to locate utilities, relocation of utilities, removal and proper disposal of bituminous pavement, concrete, and unsuitable backfill, dewatering, shoring, transportation, furnish and placement of new pipe, bypass pumping, AASHTO #57 pipe bedding, backfill and/or Type C Borrow Selectfill and all other necessary items to complete the work. GABC, bituminous pavement, concrete work, and site restoration are incidental and will not be measured and paid separately.
- J. Bid Item 10 – Box, Round and Custom Manhole Installation (Variable Sizes)
1. Measurement – Measurement will be based on the actual number of each manhole installed in accordance with the plans and specifications, complete, in place and accepted.
 2. Payment – Payment will be based on the number of manholes installed at the contract unit price bid for installation. The price bid to install the manhole shall include but not be limited to furnishing of all labor, equipment and materials necessary to complete the work including survey and layout, notifications, bypass pumping, excavation, and restoration, Type C Borrow Backfill, AASHTO #57 pipe bedding, compaction, dewatering, and all other items necessary to complete the work as specified and shown in the contract documents.
- K. Bid Item 11 – Adjust Curb Ramps to Meet DeLDOT Specifications
1. Measurement – Adjust each Curb Ramps as per DELDOT Specifications which was mentioned in bid form shall be paid for at the contract unit price.

2. Payment – Payment will be based on each Curb Ramps adjusted as per DELDOT specifications.

PART 2 PRODUCTS

Not Required

PART 3 EXECUTION

Not Required

END OF SECTION 01 22 00

SECTION 31 23 23.13

BACKFILLING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Building perimeter, trench, and site structure backfilling to subgrade elevations.
- B. Site filling.
- C. Fill under slabs-on-grade and paving.
- D. Consolidation and compaction.
- E. Fill for over-excavation.

1.02 REFERENCES

- A. ANSI/ASTM D698 - Test Methods for Moisture-Density Relations of Soils and Soil-Aggregate Mixtures, Using 5.5 lb (2.49 kg) Rammer and 12 inch (304.8 mm) Drop. (Standard Proctor).
- B. ASTM D 422: Standard Test Method for Particle-Size Analysis of Soils.
- C. ASTM D 2216: Standard Test Method for Laboratory Determination of Moisture Content of Soil and Rock by Mass.
- D. ANSI/ASTM D1556 - Test Method for Density of Soil in Place by the Sand-Cone Method.
- E. ANSI/ASTM D1557 - Test Methods for Moisture-Density Relations of Soils and Soil-Aggregate Mixtures Using 10 lb (4.54 kg) Rammer and 18 inch (457 mm) Drop. (Modified Proctor).
- F. ANSI/ASTM D2922 - Test Methods for Density of Soil and Soil Aggregate in place by Nuclear Methods.
- G. AASHTO M43 - Standard Specification for Standard Sizes of Coarse Aggregate for Highway Construction.
- H. ASTM D 4253/4254: Standard Test Methods for Maximum and Minimum Index Density and Unit Weight of Soils Using a Vibratory Table and Calculation of Relative Density.
- I. ASTM D 4318: Standard Test Methods for Liquid Limit, Plastic Limit and Plasticity Index of Soils.
- J. ASTM D 3017: Standard Test Method for Water Content of Soil and Rock in Place by Nuclear Methods.

PART 2 PRODUCTS

2.01 FILL MATERIALS

- A. Crusher Run Stone
- B. Limestone Gravel meeting AASHTO #57 requirements as specified in AASHTO M43.
- C. DelDOT Type C (backfill).

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify fill materials to be reused are acceptable.
- B. Verify foundation perimeter drainage installation has been inspected.
- C. Verify underground tanks are anchored to their own foundation to avoid floatation after backfilling. (if applicable)

3.02 PREPARATION

- A. Generally, compact subgrade to density requirements for subsequent backfill materials.
- B. Cut out soft areas of subgrade not capable of in situ compaction. Backfill with suitable Fill Materials and compact to density equal to or greater than requirements for subsequent backfill materials.
- C. Prior to placement of aggregate base course material at paved areas, compact subsoil to 95 percent of its maximum dry density in accordance with ANSI/ASTM D698 unless otherwise specified (DelDOT).

3.03 BACKFILLING

- A. Backfill areas to contours and elevations with unfrozen materials.
- B. Systematically backfill to allow maximum time for natural settlement. Do not backfill over porous, wet, frozen or spongy subgrade surfaces.
- C. Employ a placement method that does not disturb or damage foundation perimeter drainage, foundation dampproofing, protective covers or utilities in trenches.
- D. Maintain optimum moisture content of backfill materials to attain compaction density of 95% Standard Proctor (AANSI/ASTM D698). The moisture content shall be within +/- 2% of the optimal moisture for the material as indicated by the proctor test.
- E. Backfill against supported structures or utilities.
- F. Backfill simultaneously on each side of unsupported structures or utilities.
- G. Slope grade away from structures minimum 2 inches in 10 ft., unless noted otherwise.
- H. Make grade changes gradual. Blend slope into level areas.
- I. Contractor is responsible to remove surplus backfill materials from site.
- J. Leave fill material stockpile areas completely free of excess fill materials.
- K. Place and compact material in 8 inch loose lifts unless otherwise specified.

3.04 TOLERANCES

- A. Top Surface of Backfilling: Plus or minus one inch from required elevations.

3.05 FIELD QUALITY CONTROL

- A. Field testing will be performed under provisions of Section 01 45 00.
- B. Compaction testing will be performed in accordance with ANSI/ASTM D1556, ANSI/ASTM D2992, ANSI/ASTM D698.

- C. Frequency of Test: Provide test on every lift at 50 foot intervals for trenches and every 10 cubic yards of placed material elsewhere.
- D. Engineer may call for compaction tests on any backfilled material. If the results show the work does not meet specified requirements, the test shall be at the Contractor's responsible for payment.

3.06 PROTECTION OF FINISHED WORK

- A. Protect finished Work.

END OF SECTION 31 23 23.13

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SECTION 01 11 00

SUMMARY OF WORK

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Scope of Work
- B. Contractor's Use of Site and Premises
- C. Design Intent
- D. Surveying and Lay-out of Work
- E. Quality Control/Assurance
- F. Warranties and Bonds

1.02 SCOPE OF WORK

- A. The Drawings and Specifications present the technical requirements for this project. Major components of the Work generally include:
 - Phase I:
 - 1. Mobilization/Demobilization
 - 2. Maintenance Of Traffic
 - 3. Erosion And Sediment Control
 - 4. Removal Of Structures And Obstructions
 - 5. Excavation And Embankment
 - 6. Saw Cutting Bituminous Concrete
 - 7. Roto Milling
 - 8. Hot C Mix
 - 9. 725 Linear Feet Reinforced Concrete Pipe 24" Class III
 - 10A. 48" x 30" Box Manhole (Up To 20' Deep)
 - 10B. 72" Round Manhole (Up To 12' Deep)
 - 11. Adjust Curb Ramps To Meet DELDOT Specifications
- B. The Contractor shall provide the necessary supervision, labor, materials, equipment, tools, quality control, and appurtenances as required to complete the Work, acceptable to the permitting authorities, the Owner and the Engineer, and in compliance with applicable codes and regulations. Work under these Contract Documents includes the following list of tasks, which provides a general description of the scope of work:
 - 1. Obtain all necessary permits.
 - 2. Mobilize materials, crew and equipment.
 - 3. Establish the necessary survey controls and specified limits of Work.
 - 4. Provide professional utility location services to physically locate and provide mark-out for all underground utilities within the proposed excavation areas of the project.

5. Provide the necessary traffic controls in accordance with the latest edition of the Delaware Manual on Uniform Traffic Control Devices and safety controls to maintain safe conditions and comply with OSHA.
6. Obtain access to any and all utilities necessary for construction, including but not limited to the following: electric power, telephone service, sanitary service, gas service and water service.
7. Provide temporary soil erosion and sediment control measures and stormwater management during construction. The Work shall include the removal of all erosion and sediment controls after final site stabilization measures are functional.
8. Load, transport, manage, consolidate, and re-use suitable, excavated on-site soils/aggregate indicated by the Drawings and Specifications, or otherwise directed by the Owner or the Engineer.
9. Load, transport and manage unsuitable or excess, excavated on-site soils, materials, waste and debris to an offsite permitted disposal area.
10. Provide survey control of all excavation work (using a licensed land surveyor registered in the State of Delaware) to maintain design grades.
11. Dewater pipe trenches if needed.
12. Implement quality control measures and complete quality control testing as outlined in these Specifications.
13. Provide 'as-built' drawings, prepared by a licensed surveyor or professional engineer registered in the State of Delaware, that document the final limits, elevations and alignments of the completed work, as described in these Specifications. In addition, provide one clean set of hand-marked ('red-line') Drawings showing all changes to the original drawing information and 'as-built' conditions suitable for use by the Engineer to prepare final Record Drawings.
14. Clean the work area and demobilize all remaining materials, crew, and equipment.
15. Provide measures to keep streets and the Site property clean at all times.
16. All trenches must be backfilled the same day or covered with steel plating. No trenches shall be left open overnight.

1.03 CONTRACTOR'S USE OF SITE AND PREMISES

- A. Prior to performing any Work at the Site, the Contractor is responsible for notifying all local utilities and confirming, via mark-out, the plan locations of all reported public and private underground and overhead utilities and structures. The Contractor shall notify the Engineer of the locations of all utilities and structures in the area where construction activities will be occurring.
- B. The Contractor shall take all measures necessary to minimize disruptions or interferences to the Owner's operations at the Site.
- C. Construction operations shall be confined to the limits of Work indicated on the Drawings and designated by the Engineer, except that equipment/materials laydown/storage and long-term soil stockpiling outside the limits of Work may be allowed as approved by the Owner.

1.04 DESIGN INTENT

- A. The Work shall be completed in a manner that accomplishes the following key objectives:
 - 1. Minimizes the quantities of excavated soils and dewatering fluids generated during the Work;
 - 2. Maintain proper drainage.
 - 3. Provide a completed project. Any work or materials required to provide a completed project but not specifically referenced shall be considered incidental to the work.

1.05 SURVEYING AND LAY-OUT OF WORK

- A. The Drawings are diagrammatic in nature. Shown alignments and required sizes and terminations of components are intended to conform to the Site constraints, avoid creating obstructions, and preserve clearances. However, it is not the intention of these documents to indicate all required dimensions and offsets.
- B. The Contractor shall provide for offsets, horizontal and vertical control points and other surveying requirements in such a manner as to conform to the Site features, and make all Work requiring inspection and possible future maintenance and repair accessible.

1.06 QUALITY CONTROL/ASSURANCE

- A. Monitor quality control over suppliers, manufacturers, products, services, Site conditions, and workmanship to produce Work of the specified quality.
- B. Comply fully with manufacturers' instructions, including each step in sequence.
- C. Should manufacturers' instructions conflict with the Contract Documents, request clarification from the Engineer before proceeding.
- D. Comply with specified standards as a minimum quality for the Work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.
- E. Perform the Work by persons qualified to produce workmanship of the specified quality.
- F. Perform quality control/quality assurance inspection and testing of the materials and construction.

1.07 WARRANTIES AND BONDS

- A. Obtain warranties and bonds, executed in duplicate by responsible Subcontractors, suppliers, and manufacturers, within 10 days after completion of the applicable item of Work. Except for items put into use with the Owner's permission, leave date of beginning of time of warranty until the Date of Substantial Completion is determined.

PART 2 **PRODUCTS**
Not Used

PART 3 **EXECUTION**
Not Used

END OF SECTION 01 11 00