



CITY OF HAVELOCK

Post Office Box 368
Havelock, NC 28532

INVITATION TO BID

Pursuant to North Carolina General Statutes §143-131, the City of Havelock invites informal bids on the following:

Bids must be submitted in accordance with the attached specifications. Bids must include an itemized schedule (including quantity, unit price and total) for each work element. Bids can be submitted by mail, email, fax or hand delivered. Cover sheets, envelopes, etc. should be clearly marked with the words:

*“City of Havelock,
2026 Storm Water Drainpipe Replacement 105/107 Fox Hall Street, Havelock, NC 28532”*

Address Bids to: **Kimberly Walters, Finance Director**
 City of Havelock
 P.O. Box 368
 1 Governmental Ave.
 Havelock, NC 28532
 Fax: 252-447-0126
 Email: Bids@havelocknc.us

Bids will be accepted until **2:00 PM (EST) on Thursday, May 21, 2026**, at which time they will be reviewed in the office of the City Finance Officer. Quotes are not subject to public inspection until the contract is awarded. The bids are good for 75 days after opening. The winning bidder will be issued a Notice To Proceed (NTP) along with a Purchase Order. The performance period is 90 calendar days from the NTP.

Bidders are cautioned not to submit bids until the proposed requirements and specifications have been carefully examined. It will be considered that bidders will have satisfied themselves as to the accuracy of the specifications. No proposal will be considered unless prices are submitted for all items requested in any section. The City reserves the right to change the amount of quantities.

All bids submitted should be to the desired specifications. Any exceptions to the specifications will be evaluated based on the best interest of the City. Any deviation from specifications indicated herein must be clearly pointed out; otherwise, it will be considered that items offered are in strict compliance with these specifications, and bidder will be held responsible therefore. Deviations shall be explained in detail. The bidder shall not construe this paragraph as inviting deviation or implying that any deviation will be acceptable.

The names of certain brands or makes denote quality standard in the article desired, but do not restrict bidders to the specific brand, make or manufacturer named. They are meant to convey to prospective bidders the general style, type, character and quality of the article desired.

The successful bidder on all construction contracts will be required to conduct the operation in accordance with all Federal, State, and Municipal health and safety rules, regulations and laws applicable to the operation. The successful bidder may be asked to provide the City with a copy of the company's safety plan prior to commencing work. For all projects over \$30,000, a general contractor's license must be furnished to the City if applicable.

Certificate to Transact Business in North Carolina: As a condition of contract award, each out-of-State Vendor that is a corporation, limited-liability company or limited-liability partnership shall have received, and shall maintain throughout the term of The Contract, a Certificate of Authority to Transact Business in North Carolina from the North Carolina Secretary of State, as required by North Carolina law. A contract requiring only an isolated transaction completed within a period of six months, and not in the course of a number of repeated transactions of like nature, shall not be considered as transacting business in North Carolina and shall not require a Certificate of Authority to Transact Business.

The City will not sell bid packages. Plans, specifications, and addenda may be viewed and obtained online at www.havelocknc.us. Click on: “Bid on a Contract”; “Current Bids”. The Bidder’s List is maintained by Vendor Registry. Registration for the Bidder’s List is made online at www.havelocknc.us. Click on: “Bid on a Contract”; “Vendor login/Registration”.

N.C.G.S. (North Carolina General Statutes), specifically §160A-20.1(b), prohibit the City from entering into contracts with contractors and subcontractors who have not complied with the requirement of Article 2 or Chapter 64. The Contractor shall submit the E-Verify Affidavit, located in the Bid Proposal section, with their bid. Bids that do not include this Affidavit will be considered non-responsive.

N.C.G.S 147-86.42-84 requires that contractors with a North Carolina Local Government must not utilize any subcontractor found on the State Treasurer’s Iran Divestment list or Companies Boycotting Israel list. The referenced lists can be found on the State Treasurer’s website at the address www.nctreasurers.com and will be updated every 180 days.

The City of Havelock reserves the right to reject any or all proposals and to purchase items from the state contract in the efforts to award the contract to the bidder it deems to be for the best interest of the City.

MODIFICATION AND WITHDRAWAL OF BIDS. Bids may be modified or withdrawn by an appropriate document duly executed (in the manner that a Bid must be executed) and delivered to the place where Bids are to be submitted at any time prior to the opening of Bids. A request to withdraw a bid may be made to the Owner within 72 hours after Bids are opened in accordance with NCGS § 143-129.1 Requests to withdraw a Bid will be subject to the requirements of NCGS §143-129.1 and in the sole discretion of the City of Havelock Finance Officer.

This institution is an equal opportunity provider, and employer.

Contact person(s) for information on this bid:

For questions in regards to the bid specifications, the City requires and only responds to questions submitted in writing and sent via email to: Bids@havelocknc.us

Questions must be received by **5:00 PM (EST) on Wednesday, May 6, 2026**. If questions are received, the City will respond no later than **12:00 PM (EST) on Wednesday, May 13, 2026**.

This is the 22nd day of April 2026

Published: Demand Star April 22, 2026

CITY OF HAVELOCK

Kimberly Walters
Finance Director



**STATE OF NORTH CAROLINA
AFFIDAVIT
CITY OF HAVELOCK**

I, _____ (the individual attesting below), being duly authorized by and on behalf of _____ (the entity hereinafter "Employer") after first being duly sworn hereby swears or affirms as follows:

1. Employer understands that E-Verify is the federal E-Verify program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law in accordance with NCGS §64-25(5).
2. Employer understands that Employers Must Use E-Verify. Each employer, after hiring an employee to work in the United States, shall verify the work authorization of employee through E-Verify in accordance with NCGS §64-26(a).
3. Employer is a person, business entity, or other organization that transacts business in the State and that employs 25 or more employees in this State. (mark Yes or No)
 - a. YES _____, or
 - b. NO _____
4. Employer's subcontractors comply with E-Verify, and if Employer is the winning bidder on this project, Employer will ensure compliance with E-Verify by any subcontractors subsequently hired by Employer.

This _____ day of _____, 20_____.

Signature of Affiant: _____

Print or Type Name: _____

State of North Carolina County of _____

Signed and sworn to (or affirmed) before me, this the

_____ day of _____, 20_____.

Signature of Notary

Printed Name of Notary

P.O. Drawer 368
1 Governmental Avenue
Havelock, NC 28532
Bids@Havelocknc.us

Please indicate the Bid name on the outside of the envelope.

2026 Storm Water Drainpipe Replacement

105/107 Fox Hall Street, Havelock, NC. 28532

Objective:

Replace the existing storm water drainage pipes with new 36" High Density Polyethylene (HDPE) pipe and replace two drop inlets and one catch basin.

Scope:

The existing storm water drainage pipes to be replaced are currently 24" Reinforced Concrete Pipe (RCP) and are to be replaced with 36" HDPE pipe. The 36" HDPE pipe is to be dual wall construction meeting ASTM standards including ASTM F2881 or AASHTO M330 Type S for corrugated pipes. Piping shall have a smooth interior and corrugated exterior with joining systems of bell and spigot couplings. The existing RCP to be replaced is three segments: approximately 160 linear feet in length for the western segment, approximately 29 linear feet in length for the center segment, and approximately 136 linear feet in length for the eastern segment, see figure 1. The westernmost 2' by 3' catch basin, see figure 4, which will house the new 36" HDPE pipe and an existing 24" RCP, will be removed and replaced with a new precast catch basin, reusing the metal grate and metal frame. The two remaining 2' by 3' drop inlets, see figure 5, will be removed and replaced with new precast drop inlets and new metal frames and grates. There will be an approximately 32' by 30' section of asphalt to be replaced in the center section along with approximately 25' of curb and gutter on the western side of the road and 30' of curb and gutter on the eastern side of the road, see figures 2 and 3. This project will be separated into three-line items, listed below. The cost for each of the three items shall be listed separately within line items. The City of Havelock will reserve the right to accept any, all or none of the portions of work listed.

1. Removal of existing westernmost catch basin and replacement with new precast catch basin, reusing metal grating and frame. Removal of approximately 160 linear feet of 24" RCP and replacing with approximately 160 linear feet of 36" HDPE pipe.
2. Removal of two existing drop inlets in the roadway, replacing with new precast inlet and hardware. Removal of approximately 29 linear feet of 24" RCP and replacing with approximately 29 linear feet of 36" HDPE pipe. Repairing an approximately 32' by 30' patch of asphalt after pipe replacement. Removing and replacing approximately 25' of curb and gutter on the western side of the road and 30' of curb and gutter on the eastern side of the road.
3. Removal of approximately 136 linear feet of 24" RCP and replacing with approximately 136 feet of 36" HDPE pipe.

The City of Havelock will be responsible for contacting residents about the project. Any general trash, fencing, driveways, or structures within drainage easements will be the responsibility of the contractor to remove if they hinder work. The contractor will not be responsible for reconstructing any fencing, driveways, or structures within easements which have been removed for completion of this project.

A site visit is highly recommended but not mandatory. All locating services will be the responsibility of the contractor. Damaged utilities will be the responsibility of the contractor to

remediate before the project is completed. All measurements are approximate contractor to verify. Contractor is to supply all labor, materials, and equipment to complete this project, unless otherwise specified in writing. The City of Havelock shall not be held responsible for omissions or errors in description.

Contractors Responsibilities

Line Item #1

- a. Contractor shall excavate for the removal of the existing 24" RCP which is approximately 160' in length and sits at varying depths. The trench that is to be excavated will be a minimal width for the removal of the existing 24" RCP and installation of the new 36" HDPE pipe.
- b. Contractor shall utilize sheet piling when the excavation is closer than five feet from any existing structures including utilities. Any damaged structures or utilities created by excavating will be the responsibility of the contractor.
- c. Contractor will be responsible for bypass pumping of the flow coming into the area of excavation. Bypass pumping shall continue for the entirety of this project. See section 6 for bypass pumping specifications.
- d. All removed pipe and excavated spoils become the property of the contractor and must be removed from site on a daily basis. In no way can any of the excavated spoils be reused for any portion of backfilling or compacting.
- e. Contractor shall excavate twelve inches deeper than the invert elevation of the 36" HDPE pipe. There shall be a 12" base of 57 stone underneath the new 36" HDPE pipe. See section 4.
- f. Contractor shall remove the existing catch basin that is between 105 and 107 Fox Hall Street, see figure 4, and replace with a precast concrete catch basin, ensuring it is level with the surrounding terrain and ensure proper, watertight connection to the influent RCP and the new 36" HDPE pipe. Contractor shall reinstall the preexisting grate on to the new drop inlet structure, ensuring they are flush with the surrounding surface.
- g. Bedding for the catch basin shall be no less than 12" of 57 stone to the same elevation as the top of the bedding for the 36" HDPE pipe. ABC or Select Fill will be utilized from the level of the 57 Stone to the elevation of the top of the asphalt bedding.
- h. If the excavation during the pipe removal or installation becomes deeper than five feet the contractor will be responsible for supplying a trench box per OSHA regulations.
- i. After setting the 36" HDPE pipe, the contractor shall backfill excavation with 57 stone halfway up the HDPE pipe and ABC stone to the top elevation of the pipe.
- j. ABC stone shall be compacted to 95% standard proctor; compacting will be completed in lifts of no more than eight inches.
- k. Excavated areas will be returned to as good or better conditions after pipe is set. See section 5.

Line Item #2

- a. Contractor shall excavate for the removal of the existing 24" RCP that is approximately 29' in length and sits approximately 30" at the invert. The trench that is to be excavated will be a minimal width for the removal of the existing 24" RCP and installation of the new 36" HDPE pipe.

- b. Contractor shall utilize sheet piling when the excavation is closer than five feet from any existing structures including utilities. Any damaged structures or utilities created by excavating will be the responsibility of the contractor.
- c. Contractor will be responsible for bypass pumping of the flow coming into the area of excavation. Bypass pumping shall continue for the entirety of this project. See section 6 for bypass pumping specifications.
- d. All removed pipe and excavated spoils become the property of the contractor and must be removed from site on a daily basis. In no way can any of the excavated spoils be reused for any portion of backfilling or compacting.
- e. Contractor shall excavate twelve inches deeper than the invert elevation of the 36" HDPE pipe. There shall be a 12" base of 57 stone underneath the new 36" HDPE pipe. See section 4.
- f. Contractor shall remove both existing drop inlets on Fox Hall Street, see figure 5, and replace with precast drop inlets, ensuring it is level with the surrounding terrain and ensure proper, watertight connection to the influent and effluent HDPE pipes. Contractor shall replace the metal frame and grating.
- g. Bedding for both drop inlets shall be no less than 12" of 57 stone to the same elevation as the top of the bedding for the 36" HDPE pipe. ABC or Select Fill will be utilized from the level of the 57 Stone to the elevation of the top of the asphalt bedding.
- h. If the excavation during the pipe removal or installation becomes deeper than five feet the contractor will be responsible for supplying a trench box per OSHA regulations.
- i. After setting the 36" HDPE pipe, the contractor shall backfill excavation with 57 stone halfway up the HDPE Storm Water Pipe and ABC stone to the top elevation of the pipe.
- j. ABC stone shall be compacted to 95% standard proctor; compacting will be completed in lifts of no more than eight inches.
- k. Contractor will be responsible for restoration of all removed asphalt. See section 8 and figure 3 for specifications.
- l. Contractor shall remove and replace affected/damaged concrete curb and gutter in the work area, see figure 2, approximately 25 feet on the west side of the street and approximately 30 feet on the east side of the street and provide signage if foot traffic is to be disturbed and removing signage after proper cure times, see Section 9.
- m. Any disturbed areas shall be restored to as good or better conditions. See section 5.

Line Item #3

- a. Contractor shall excavate for the removal of the existing 24" RCP which is approximately 136' in length and sits at varying depths. The trench that is to be excavated will be a minimal width for the removal of the existing 24" RCP and installation of the new 36" HDPE pipe.
- b. Contractor shall utilize sheet piling when the excavation is closer than five feet from any existing structures including utilities. Any damaged structures or utilities created by excavating will be the responsibility of the contractor.

- c. Contractor will be responsible for bypass pumping of the flow coming into the area of excavation. Bypass pumping shall continue for the entirety of this project. See section 6 for bypass pumping specifications.
- d. All removed pipe and excavated spoils become the property of the contractor and must be removed from site on a daily basis. In no way can any of the excavated spoils be reused for any portion of backfilling or compacting.
- e. Contractor shall excavate twelve inches deeper than the invert elevation of the 36" HDPE pipe. There shall be a 12" base of 57 stone underneath the new 36" HDPE pipe. See section 4.
- f. If the excavation during the pipe removal or installation becomes deeper than five feet the contractor will be responsible for supplying a trench box per OSHA regulations.
- g. After setting the 36" HDPE pipe, the contractor shall backfill excavation with 57 stone halfway up the HDPE pipe and ABC stone to the top elevation of the pipe.
- h. ABC stone shall be compacted to 95% standard proctor; compacting will be completed in lifts of no more than eight inches.
- i. Excavated areas will be returned to as good or better conditions after pipe is set. See section 5.

City of Havelock Responsibilities:

A representative of the City of Havelock will track progress daily. Work hours shall be 8am to 5pm, Monday through Friday. No work shall be performed on City holidays. Work outside established work hours must be scheduled with the City of Havelock, 48 hours in advance and is subject to approval.

A site visit is highly recommended but not mandatory. All locating services will be the responsibility of the contractor. Damaged utilities will be the responsibility of the contractor to remediate before the project is completed. All measurements are approximate contractor to verify. Contractor is to supply all labor, materials, and equipment to complete this project, unless otherwise specified in writing. The City of Havelock shall not be held responsible for omissions or errors in description.

Informational Sections

1. Dewatering:

- a. The contractor shall dewater as required for completion of work. Excavation shall be kept free of water at all times during pipe removal, pipe replacement, and backfill operation.
- b. All dewatering shall flow through a sediment filter bag. Sediment filter bags shall be of Polypropylene non-woven geotextile fabric with a sewn-in sleeve of sufficient size to accept a 4-inch diameter discharge hose. The discharge hose shall be extended into the sleeve a minimum of six (6) inches and be tightly secured with a hose clamp or other suitable device to prevent leakage. Contractor shall size sediment filter bags as necessary to dewater excavations. Effluent to be directed to adjacent stormwater conveyance areas and Contractor shall remove any accumulation of sediment from such areas following dewatering operations.

- c. Upon removal of any dewatering header pipe system the contractor shall be responsible for filling the header pipe hole with filter sand to 50% of the depth of the hole while compacting to 95% standard proctor in 8" lifts. Grout shall be utilized to fill to 90% of the depth of the hole and the remaining 10% shall be topsoil or select fill.
- d. The usage of water from a hydrant will only be accomplished by use of a Hydrant Meter which will be issued from Customer Service at City Hall within the City of Havelock. The Hydrant Meter must be returned to Customer Service at City Hall within the City of Havelock at the completion of the project.

2. Excavation and Shoring:

- a. Contractor is responsible for the design and protection of all excavation and shoring. Standard shoring practices including trench boxes, can be used and certified/stamped by manufacturer. If required, shoring shall be designed and sealed by a professional engineer registered in the State of North Carolina, as required by OSHA, CFR1926.
- b. Contractor shall notify NC 811 for utility locations prior to any excavations.
- c. In no case shall excavations exceed that which cannot be backfilled by the end of the work day.

3. Backfill and Compaction:

- a. All excavations shall be backfilled with 57 stone, ABC, or select fill material. Contractor shall be responsible for removal and disposal of all excavation material and construction debris.
- b. Compaction in embankment shall be to 95% standard proctor.
- c. Compaction in roadways, driveways, and sidewalks shall be to 98% standard proctor.

4. 36" HDPE Pipe Bedding:

- a. 36" HDPE bedding shall consist of a twelve-inch (12") depth of # 57 stone under pipe and #57 stone placed up the exterior of the pipe to the halfway point, then select fill or ABC stone to the top elevation of the asphalt bedding.

5. Erosion and Sediment Control and Restoration:

- a. The contractor shall be responsible for the installation and maintenance of all erosion and sediment control in accordance with the NC DEQ Erosion and Sediment Control Manual.
- b. Construction activities shall be completed in such a manner that erosion of disturbed areas and off-site sedimentation is absolutely minimized.
- c. All disturbed areas shall be restored as soon as construction is complete. Seed and straw or sod type shall match existing grass in maintained areas. Follow the NC DEQ Erosion and Sediment Control Manual for type or as directed by City of Havelock representative.

6. Bypass Pumping:

- a. Storm Water bypass pumping shall be required for completion of repairs. If required, contractor shall design and furnish all material, labor, equipment, power, fuel, fuel storage, maintenance, etc. to implement a temporary bypass arrangement for the purpose of diverting flow around the work area on a daily basis for the duration of the repair. The bypass system shall meet the requirements of all codes and regulatory agencies having jurisdiction. Contractor shall be held liable for any and all fines imposed by local, State, and/or Federal agencies for failure to maintain flows or contain spills and/or overflows.

7. Traffic Control

- a. Contractor shall submit a Traffic Control Plan for any operations affecting traffic including but not limited to lane closures. City must approve the traffic plan prior to implementation, particularly 24-hour notice prior to any lane closure.
- b. Access to residences for local traffic shall be maintained throughout contract. Contractor shall provide a minimum of 24-hour notice to City of Havelock for any road closure.

8. Pavement Restoration

- a. The pavement edge shall be defined by a straight edge formed by a machined saw cut leaving no jagged edges.
- b. Utility cut shall be excavated to a minimum of 11 inches deep.
- c. There shall be a 12" Key-In around asphalt cuts which is excavated to a minimum depth of 3". See figure 2 for Key In Details.
- d. Within the 12" Key-In the asphalt cut shall be excavated to a minimum depth of 11". The 11" depth is to be filled with 8" of new ABC stone and the remaining shall be a minimum of 3" of S9.5B surface course asphalt. See Figure 2.
- e. The new ABC stone backfill material shall be compacted to a density equal to 100% of that obtained by compacting a sample of the material in accordance with AASHTO T-80 as modified by NCDOT. Bituminous base or binder may be substituted if approved by a representative of the City of Havelock.
- f. The removed asphalt, pavement, debris and concrete shall be removed from site, hauled, and disposed of in accordance with all local, state, and federal requirements.
- g. The entire thickness / vertical edge of the existing asphalt shall be tacked in accordance with section 605 asphalt tack coat of the NCDOT Standard Specifications for Roads and Structures.
- h. The asphalt surface course shall be S9.5B per NCDOT Standards for Roads and Structures. The same depth of pavement material which exists shall be reinstalled, but in no case shall the asphalt be less than 3" thick.
- i. The asphalt pavement material shall be installed and compacted thoroughly and rolled with a smooth drum roller to achieve a smooth, level

patch. See figure 2 for standard details.

- j. Access to residents' driveways must remain as accessible as possible during the course of this project.

9. Concrete Restoration

- a. Any concrete rubble from removal of the concrete flumes, and curbing will be the responsibility of the contractor to remove and dispose of in accordance with all local, state, and federal regulations.
- b. Concrete is to be 3500 psi fiber reinforced concrete mix.
- c. The foundation for the concrete shall be compacted to 95% standard proctor in no more than 8" lifts before the concrete is poured.
- d. The concrete curbing shall remain the same dimensions as the removed curbing.
- e. The concrete curbing and flumes will require no wire mesh or rebar.
- f. The seams where the new concrete meets the old concrete will be tooled to a ½" radius.
- g. The seams where the new concrete meets the existing concrete shall have a ½" asphalt impregnated expansion joint between the existing and newly poured concrete.
- h. Until completely cured the contractor will supply signage "No walking, Wet concrete".

10. Site Restoration

- a. Disturbance of existing landscape features shall be held to a minimum and all disturbed areas returned to a condition equal or better when repair is complete. Care shall be taken so as not to damage existing features to remain such as roadways, curbs, driveways, sidewalks, etc. All listed features removed or damaged shall be replaced or repaired to existing condition or better. All demolished material shall become the property of the contractor and shall be removed from the work site and disposed of in accordance with all local State, and Federal requirements. As-built documentation shall include a description of materials used and repair procedures completed at each site.

11. Performance Period

- a. It will be the contractor's responsibility to set a start date with a representative from the City of Havelock to begin a project within thirty (30) days from the issuance of a Notice of Award - Proceed.
- b. The performance period is ninety (90) days from the listed date on the Notice to Proceed.
- c. The contractor shall work diligently to complete the project from the arranged start date. Work hours shall be 8am to 5pm, Monday through Friday. No work shall be performed on City holidays. Work outside established work hours must be scheduled with the City, 48 hours in advance and is subject to approval.
- d. The contractor will be responsible for contacting a representative of the

City of Havelock in the event that a project will be extended outside of the arranged performance period. Contact must be in the form of an email and acceptance of the extension of the performance period from a representative of the City of Havelock must also be in the form of an email.

12. Access:

- a. Access to project site is within existing City of Havelock right of way.

13. Termination Clause:

- a. Any agreement and issuance of purchase orders shall be terminated upon the expiration of (90) ninety days without work commencing. At the end of ninety days the City of Havelock will give written notice to the other party of its intention to terminate.
- b. Any intent to begin a project thirty (30) days or more after a purchase order has been issued must be submitted in writing and approved by a representative of the City of Havelock.

14. Warranty:

- a. Contractor will be held responsible for the materials and workmanship utilized within this project for a term of one year from the time that the project is completed.
- b. The City of Havelock will be responsible for the warranty of any materials that are supplied to the contractor by the City of Havelock during the course of this project.

General Provisions:

- a. Contractor shall comply with all requirements of OSHA 1926.
- b. Work hours shall be 8am to 5pm, Monday through Friday. No work shall be performed on City holidays. Work outside established work hours must be scheduled with the City, 48 hours in advance and is subject to approval.
- c. Contractor will obtain all necessary permits.
- d. All work is to be performed inside the City of Havelock Right-of-Ways and Easements.
- e. Roadway repair is the responsibility of the contractor.
- f. Contractor shall control erosion and sediment release while this project is under construction.
- g. The contractor is to clean and remove all debris at the end of each work day.
- h. All underground utilities are to be 811 located, prior to work being started.
- i. Contractor is responsible for all damage to existing roads, drainage, utilities, and driveways that occur as a result of the construction project.
- j. Contractor is responsible for all damage to City property that occurs as a result of the construction of the project.
- k. Contractor shall provide safety measures during the entire length of the project.

- l. Contractor is responsible for the storage and safety of materials and equipment on jobsite.
- m. Submittals must be approved by the City of Havelock prior to any work starting.
- n. The performance period is 90 days from the Notice to Proceed.

Liquidated Damages:

- a. The Contractor agrees to pay the owner \$300 per day in liquidated damages for each day beyond the period of performance.

Figure 1: Work Area Map

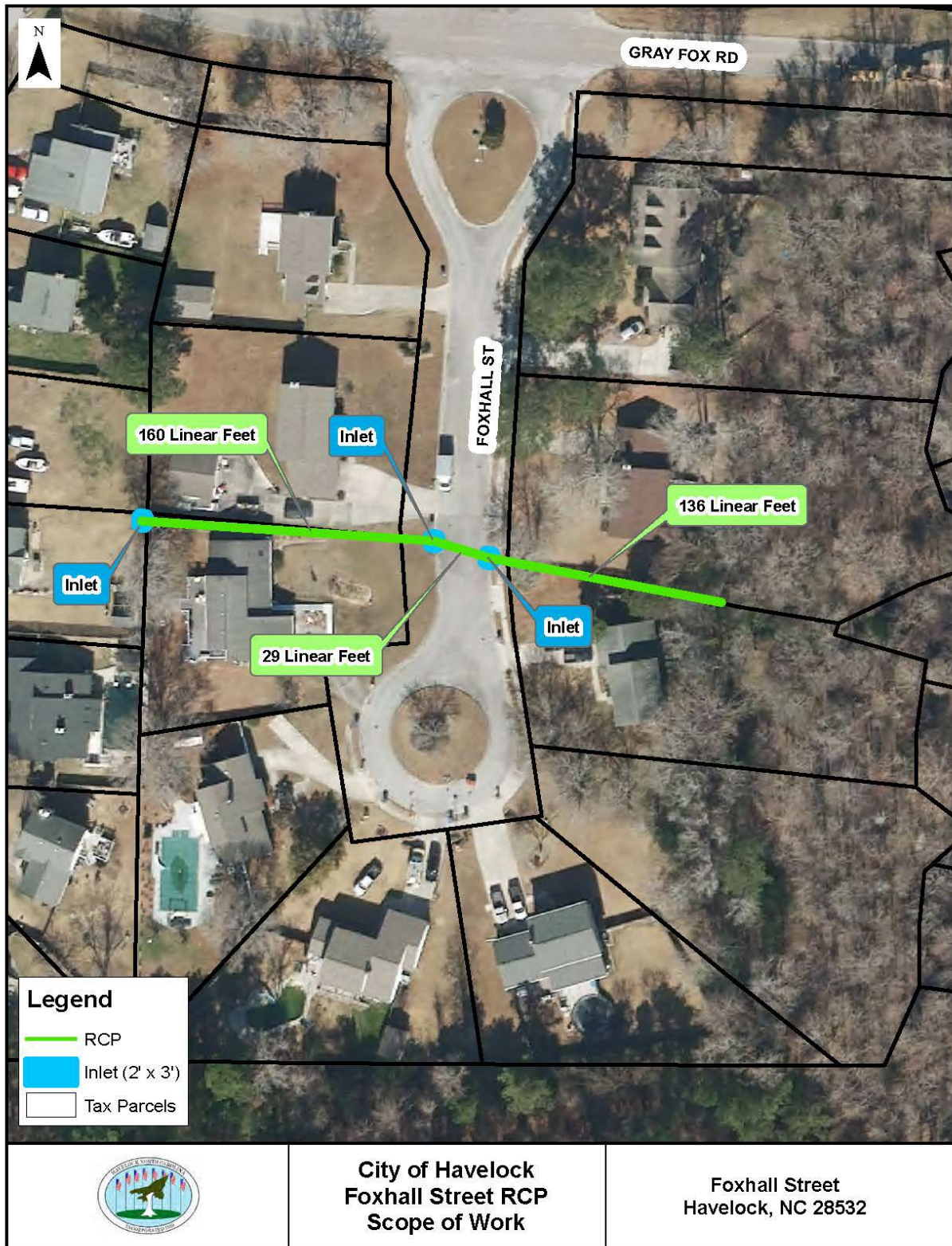


Figure 2: Area to be Paved

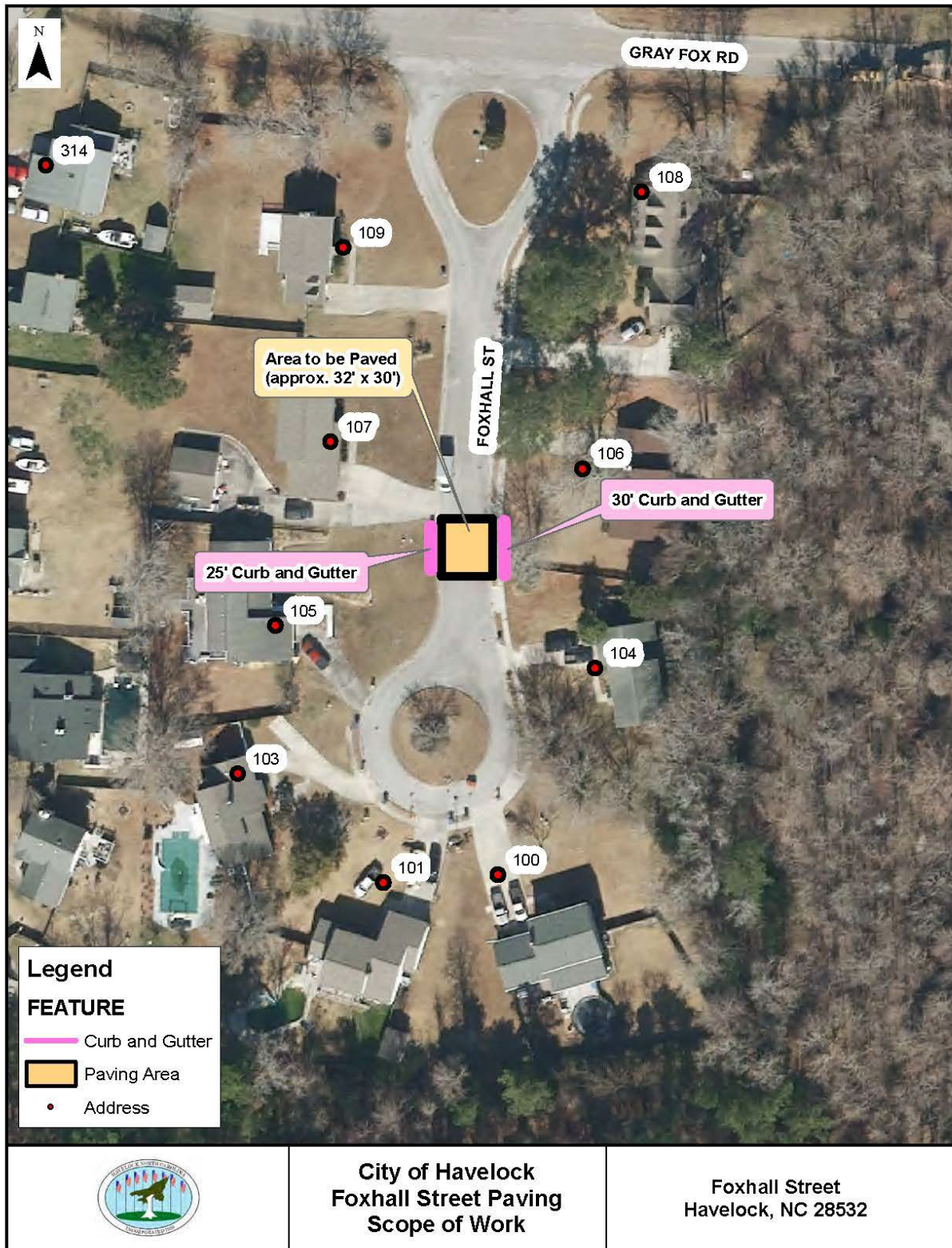
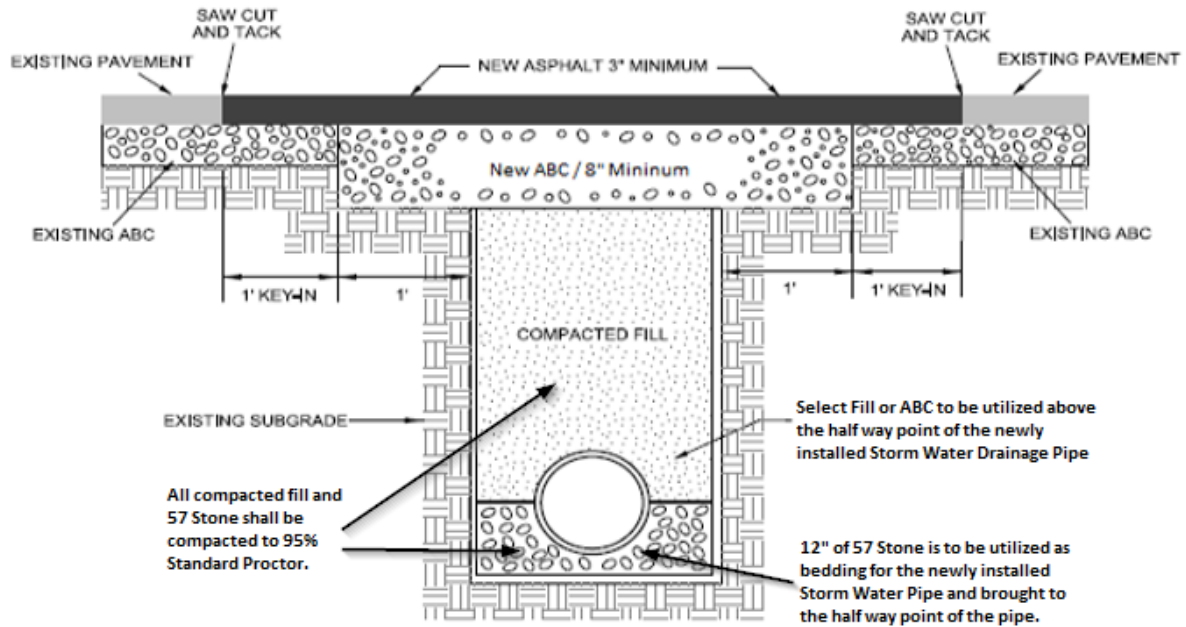


Figure 3: Pipe Bedding and Asphalt Replacement



NOTES:

1. THE PAVEMENT EDGE SHALL BE DEFINED BY A STRAIGHT EDGE FORMED BY A MACHINED SAW CUT.
2. THE TRENCH SUBGRADE MATERIAL SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED TO A DENSITY OF AT LEAST 95% OF THAT OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH AASHTO T-99 AS MODIFIED BY NCDOT.
3. THE FINAL 8" OF FILL SHALL CONSIST OF ABC MATERIAL COMPACTED TO A DENSITY EQUAL TO 100% OF THAT OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH AASHTO T-90 AS MODIFIED BY NCDOT. BITUMINOUS BASE OR BINDER MAY BE SUBSTITUTED IF APPROVED BY TRANSPORTATION DIRECTOR OR DESIGNEE.
4. THE ENTIRE THICKNESS/VERTICAL EDGE OF THE CUT SHALL BE TACKED.
5. THE SAME DEPTH OF PAVEMENT MATERIAL WHICH EXISTS SHALL BE REINSTALLED, BUT IN NO CASE SHALL THE ASPHALT BE LESS THAN 3" THICK.
6. THE ASPHALT PAVEMENT MATERIAL SHALL BE INSTALLED AND COMPACTED THOROUGHLY AND ROLLED WITH A SMOOTH DRUM ROLLER TO ACHIEVE A SMOOTH, LEVEL PATCH.

SHEET 1 OF 2

City of Havelock
STANDARD DETAIL

Figure 4: Catch Basin between 105 and 107 Foxhall Street



Figure 5: Drop Inlets on Foxhall Street

