



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, 2025 Stormwater Drainage Piping Replacement
951 E. Main St., 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 **11:00 AM (EST) on Thursday, April 24, 2025**, 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 **2:00 PM (EST) on Wednesday, April 9, 2025**. If questions are received, the City will respond no later than **12:00 PM (EST) on Tuesday, April 15, 2025**.

This is the 24th day of March 2025

Published: Vendor Registry March 24, 2025

CITY OF HAVELOCK

Kimberly Walters
Finance Director

Bid Sheet

Base Bid: _____

NC Sales Tax: _____

Delivery Cost (if applicable): _____

Total Cost to City: _____

Bids must include an itemized schedule by quantity, unit price and total for each work element.

Company Name: _____

Company Address: _____

Contact Person: _____

Telephone Number: _____

Email Address: _____

NC Contractor's License Type and Number: _____

Number of Addendums Acknowledged (circle one): N/A 1 2 3 4

As of the date listed below, the vendor or bidder listed above is compliant with N.C.G.S. 147-86.42-84, the Iran Divestment Act and the Companies Boycotting Israel Act.

Authorized Signature: _____

Print Name of Authorized Signature: _____

Title: _____

Address Bid to: Kimberly Walters, Finance Director
City of Havelock
P.O. Drawer 368
1 Governmental Avenue
Havelock, NC 28532
Bids@Havelocknc.us

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

2025 Stormwater Drainage Piping Replacement

951 E. Main St., Havelock, NC. 28532

Objective:

Replace the Stormwater Drainage Piping with new HDPE Stormwater Piping.

Scope:

The existing Stormwater Drainage Pipe to be replaced is currently an RCP Pipe and is to be replaced with a HP Stormwater Drainage Pipe. The existing RCP Pipe is approximately 140 lineal feet in length at a depth of approximately 4.5' deep to the invert of the pipe; 24" diameter and shall be replaced with HP Stormwater Drainage Pipe to the same length, depth, diameter and elevation. The HP Stormwater Drainage 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. There shall also be a 3'X3' Inside Diameter DOT Rated Pre-Cast Drop Inlet installed 70' from the upstream end of the Stormwater Drainage Pipe. The DOT Rated Pre-Cast Drop Inlet shall have a compressive strength of no less than 4,000 psi, DOT rated steel grated top, and a design load rating meeting AASHTO HS20 standards.

There is 55' of Curbing surrounding a raised grass bed, a portion of this curbing will have to be removed to access the RCP Stormwater Drainage Pipe. This Curbing shall be replaced before the completion of this project. See figure 4. The influent and effluent Stormwater Drainage Pipe has concrete flumes and will have to be removed during this project. These two concrete flumes are to be replaced in kind before completion of this project. See figure 5. There is a parking lot which is 75' long, there shall be a 5' wide area removed for the Stormwater Drainage Pipe replacement. There is also a driveway which is 30' long, there shall be a 5' wide area removed for the Stormwater Drainage replacement. See figure 6. The parking lot and driveway are to be restored to an as was or better condition before the completion of this project.

Contractors Responsibilities:

Stormwater Drainage Pipe Replacement

- a. Contractor shall create two straight lines on any affected asphalt which shall remain no less than sixteen inches away from any permanent structures or roadways. The total width between the two lines shall be five feet.
- 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 shall cut the asphalt following the straight lines with an abrasive blade that will leave a clean ninety degree cut.
- d. Contractor shall excavate for the removal of the existing 24" drainage pipe. The trench that is to be excavated will be no less than five feet wide for the removal and installation of the new 24" Stormwater Drainage Pipe.
- e. 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.

- f. All removed pipe and excavated spoils become the property of the contractor and must be removed from site. In no way can any of the excavated spoils be reused for any portion of backfilling or compacting.
- g. Contractor shall excavate twelve inches deeper than the invert elevation of the RCP 24" drainage pipe. There shall be a 12" base of 57 stone underneath the new HP Stormwater Drainage Pipe. See figure 2.
- h. There shall be a 3'X3' ID DOT Rated Pre-Cast Drop Inlet installed 70' from the upstream end of the newly installed HP Storm Water Drainage Pipe. Installation shall be in accordance with ASTM D2321 and ADS Recommended Installation Guidelines. See figure 3.
- i. Bedding for the Drop Inlet shall be no less than 12" of 57 stone to the same elevation as the top of the bedding for the HP Storm Water Drain 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.
- j. The contractor will place the HP Corrugated Bell and Spigot Piping carefully on the prepared foundation of twelve inches of 57 stone bedding starting at the downstream end with the inside circumferential laps pointing downstream and with the longitudinal laps at the side of quarter points.
- k. Gasket shall be installed by the pipe manufacturer and covered with a removable, protective wrap to ensure the gasket is free from debris. A joint lubricant available from the manufacturer and supplied by the contractor shall be used on the gasket and bell during assembly. The exterior diameter of the HP Storm Water Pipe shall have an exterior bell wrap installed by the manufacturer.
- l. 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.
- m. After setting the 36" HP Storm Water Piping, the contractor shall backfill excavation with 57 stone halfway up the HP Storm Water Pipe and ABC stone to the top elevation of the pipe.
- n. ABC stone shall be compacted to 95% standard proctor, compacting will be completed in lifts of no more than eight inches.
- o. Contractor will be responsible for restoration of all removed asphalt. See section 8 and figure 2 for Specifications.
- p. After the restoration of the concrete curbing the raised grass island within shall be sodded for complete restoration.

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, 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.

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. HP Stormwater Pipe Bedding:

- a. Pipe 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 half way 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 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 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 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 ninety (90) 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. Permits required by City of Havelock are provided free of charge.
- d. Roadway repair is the responsibility of the contractor.

- e. Contractor shall control erosion and sediment release while this project is under construction.
- f. The contractor is to clean and remove all debris at the end of each work day.
- g. All underground utilities are to be located 811, prior to work being started.
- h. Contractor is responsible for all damage to existing roads, driveways, drainage, or utilities that occur as a result of the construction project.
- i. Contractor is responsible for all damage to City property that occurs as a result of the construction of the project.
- j. Contractor shall provide safety measures during the entire length of the project.
- k. Contractor is responsible for the storage and safety of materials and equipment on jobsite.
- l. Submittals must be approved by the City of Havelock prior to any work starting.
- m. 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.

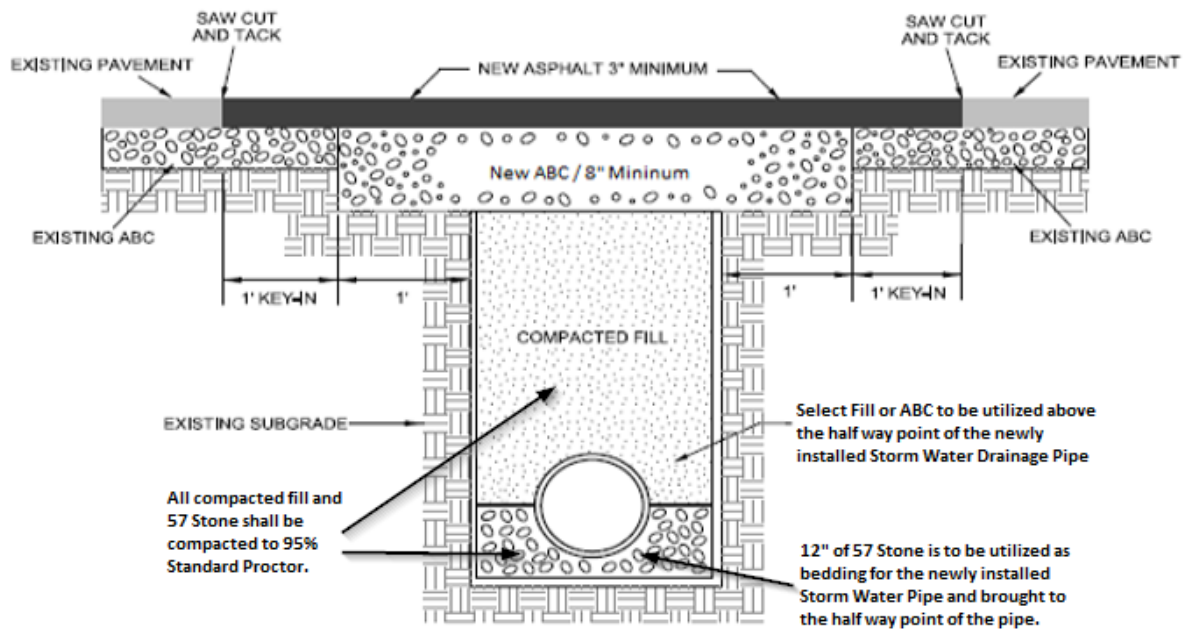
City of Havelock Responsibilities:

- a. 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.

Figure 1: Work area map.



Figure 2: Pipe Bedding and Asphalt Replacement



Select Fill or ABC to be utilized above the half way point of the newly installed Storm Water Drainage Pipe

12" of 57 Stone is to be utilized as bedding for the newly installed Storm Water Pipe and brought to the half way point of the pipe.

All compacted fill and 57 Stone shall be compacted to 95% Standard Proctor.

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-80 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.

Figure 3: Storm Water Drainage Pipe and Drop Inlet.

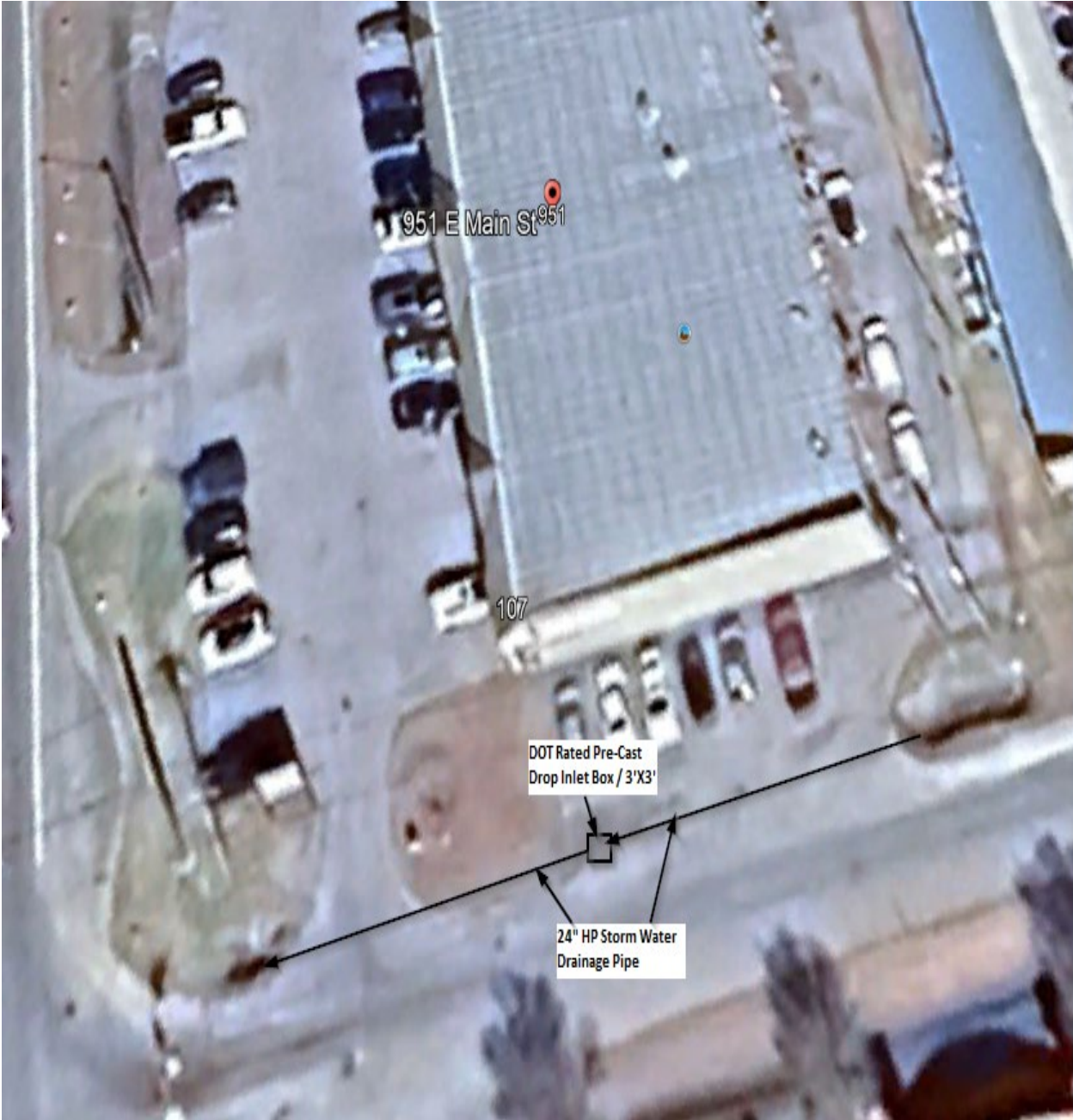


Figure 4: Curbing to be removed and replaced and raised grass island to be resodded after curbing restoration.



Figure 5: Images of Existing concrete flumes to be removed and replaced.



Figure 6: Asphalt Parking Lot and Driveway

