

Town of Wrightsville Beach

DEPARTMENT OF PUBLIC WORKS
200 Parmele Boulevard
Wrightsville Beach, N.C. 28480
(910) 256-7935 · FAX 256-7939

Sewer Line Cleaning for FY19/20

The Town of Wrightsville Beach is seeking proposals and estimates for cleaning and color video inspection and recording of approximately 10,000 feet of sewer line. The area of cleaning/color video recording is noted on the attached photo by blue lines and a summary of the sewer line lengths is included in the enclosed table.

General. The most common pipe material is clay pipe and the diameters vary from 6" to 8", with the majority of the pipe in the 8" range. The greater part of the cleaning is on side streets. The side street mains are connected to the main gravity line manhole by outside drop connections. During cleaning, materials/debris shall not be allowed to by-pass and flow downstream of the segment being cleaned. The work will also occur along DOT roadways and the contractor will be responsible for any and all necessary traffic control/devices. Hours of operation are 8:00 am – 5:00 pm, Monday through Friday, unless otherwise specified.

Disposal of Material. Disposal of material collected from the sewer lines will be at the Cape Fear Public Utility Authority; either Northside WWTP or Southside WWTP complex. As such, the contractor must coordinate activity with the Authority. The Town will be responsible for disposal costs.

Inspection Reports. A comprehensive written report (.pdf and hard copy) of the inspection is required. This report must identify line segment direction of travel (upstream/downstream), the location of defect(s) (in feet from start of video), a defect score (1-5, 1 being minimal and 5 being severe) and an estimate of infiltration. In addition to the written report, a complete color video report must be provided which includes a CD, DVD, or flash drive of the work with each segment as a separate file. The videos recorded must be well lit; this will require auxiliary lighting for the camera unit. During video recording, the upstream flow, and any pump station flows, must be stopped in order that infiltration may be determined – any flow stopping must be coordinated with the Town.

SSOs and Spills. The contractor shall be responsible for any sanitary sewer overflows (SSOs), or spills that occur as a result of his actions. The sewer line cleaning project interacts with a force main from two pump stations; LS 3 (south end – 2 Lula St) and LS 4 (Harbor Island). The force main from LS 3 connects into manhole in front of Carolina Yacht Club (338 S Lumina) and the force main from LS 4 connects into the manhole at N. Lumina Avenue and Stone Street. Since video of the lines may require the flow through the affected sections to be suspended by plugging the upstream lines into specific manholes, care must be taken in order to prevent backing up sewer into houses or causing a sewer spill. The Town should be contacted to coordinate the station shut downs during video work of sections downstream of the force mains. As the lines

become deeper, this may cease to be necessary. In addition, care should be used to avoid over-pressurizing the lines during cleaning and resulting in water being forced out of water traps in dwellings and residences. The contractor may coordinate for use of the Town fire hydrants for water; backflow protection is required.

Proposals/Bids. Proposals/bids will be evaluated on the basis of combined clean and video pricing. All bids/proposals pricing should be per foot of sewer line and should show the price per foot to clean and the price per foot to video. Also included in the proposal should be any costs for mobilization/demobilization. Additional cleaning may be provided at the agreed upon rate. Proposals should be provided no later than 12/02/2019 at 3:00 pm. The work should be completed prior to 3/1/2020. The Town shall not be responsible for lost or damaged equipment and reserves the right to reject any and all bids. The successful bidder must provide copies of Workmen's Compensation Insurance and Liability Insurance (\$1,000,000) with the Town named as an additional insured.

For questions or additional information, contact:

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Length	Size	Material	Line ID
502.0	8.0	VCP	1-0006A
376.2	8.0	VCP	1-0007A
248.3	8.0	VCP	1-0010A
275.5	8.0	VCP	1-0011A
267.7	8.0	VCP	1-0012B
432.6	8.0	VCP	1-0013F
299.9	8.0	VCP	1-0014A
400.8	8.0	VCP	1-0014B
349.6	8.0	VCP	1-0014C
143.5	8.0	VCP	1-0014D
298.6	8.0	VCP	1-0015C
141.0	8.0	VCP	1-0015D
185.0	8.0	VCP	1-0010B
158.7	8.0	VCP	1-0011B
307.4	8.0	VCP	1-0016A
324.2	8.0	VCP	1-0016B
255.2	8.0	VCP	1-0016C
162.2	8.0	VCP	1-0016D
369.1	8.0	VCP	1-0017A
350.1	8.0	VCP	1-0017B
198.3	8.0	VCP	1-0018A
396.8	8.0	VCP	1-0018B
296.5	8.0	VCP	1-0019A
102.4	8.0	VCP	1-0019B
193.2	8.0	VCP	1-0020A
199.1	8.0	VCP	1-0024A
236.1	8.0	VCP	1-0025A
300.8	8.0	VCP	1-0025B
76.1	8.0	VCP	1-0025C
253.1	8.0	VCP	1-0026A
96.3	8.0	VCP	1-0026B
116.8	8.0	VCP	1-0027A
196.7	8.0	VCP	1-0027B
27.1	8.0	VCP	1-0027C
165.6	8.0	VCP	1-0027D
387.3	8.0	VCP	1-0028A
350.2	8.0	VCP	1-0029A
428.7	8.0	VCP	1-0009A
207.8	8.0	VCP	1-0012A

162.7	6.0	PVC	1-0032A
189.9	8.0	VCP	1-0031A
21.5	8.0	Ductile	1-0020A
10450.6			