

SUMMARY OF PHASE 1 SEWER CONSTRUCTION TOWN OF NORTH SMITHFIELD

The Phase 1 sewer construction project has been divided into two contracts.

Phase 1A Project Area

Phase 1A has been identified as the Waterford area of Town and the Warren Avenue and Park Drive section of Town.

The Waterford wastewater collection system is located in the northeasterly corner of the Town of North Smithfield. The project is bound by the Blackstone River on the north, east and west, and south by Franklin Way.

The service area consists of approximately 84 dwelling units. The wastewater collection system will consist of a low pressure sewer connecting into the existing manhole located on Elizabeth Avenue. The Waterford area is comprised of the following streets:

Elizabeth Ave., Maple St., Colerick St., Middle St., West St., Fountain St.,
Mendon Rd. and St. Paul Street

In addition to the Waterford collection system, the Warren Ave./Park Dr. collection system has also been included in the Phase 1A project. This area consists of approximately 16 existing residential dwelling units located on Warren Ave., Park Dr. and on Great Rd. (between Warren Ave. and Park Dr.). This system, like the system installed in Waterford, is a low pressure line which will convey the wastewater flows to an existing manhole located on Milton Ave.

The total project will service 100 residential units.

The total project cost for Phase 1A, including design, construction and construction administration services is \$2,390,000.

Phase 1B Project Area

The Phase 1B project area will include the Greene St. wastewater collection system, and approximately 1,600 linear feet of sewer main located on Victory Hwy. (between Greene St. and Maple St.).

The Greene St. wastewater collection system is comprised of approximately 81 dwelling units located along Greene St., Ridge Rd., Country Way and Pacheco Dr.

The original design for this project had a pump station located in the vicinity of Pacheco Dr. However, due to the absence of vacant land, the system was re-designed for low pressure sewers. The sewers wastewater flow from this area is diverted into two areas. The area west of Pacheco Dr., Country Way, Ridge Rd. and a portion of Greene St. will be pumped to the existing manhole located on North Main St. The area located east of Pacheco Dr. pumps to Victory Hwy. and runs

south along Victory Hwy. for approximately 1,600 linear feet to Maple St., where it ties into the existing collection system within Maple St.

The total project will service 100 residential units.

The total project cost for Phase 1B, including design, construction and construction administration services is \$2,150,000.

Assessments

The assessments for this project will be combined with the remaining two project areas and distributed equally among all of the residential tie-ins. The assessment program will be structured so that each residential assessment, including principal and interest, shall be made payable over a twenty (20) year period. The homeowner can choose to pay the entire balance any time within the twenty years without penalties. The cost shall be calculated based upon the total cost for the project, including design, construction and construction administration services divided by the actual number of affected equivalent dwelling units (EDUs). As this project is the first of three project areas, it is anticipated that the estimated assessment is approximately \$22,700 per EDU. An EDU is equal to one (1) residential unit. At the anticipated interest of 3%, this will equate to an annual charge of \$1,510.

The assessments for commercial and industrial users within the three project areas shall be based upon the number of EDUs. The EDU for the commercial and industrial user shall be equal to a single family residential home. An EDU is defined as wastewater generating approximately 345 gallons per day (gpd). The equivalent wastewater flow of 345 gpd shall be divided by the commercial and/or industrial flows to estimate the number of EDUs. For example, a commercial facility generating 930 gpd will translate into 2.7 (or 3) EDUs.

Vacant residential and commercial land shall be assessed as one residential user (1 EDU). If, at the time the vacant land is developed and those improvements result in a greater than a single family residence, the Town will re-assess the property accordingly. The additional assessment shall then be imposed for a twenty year period.

Grinder Pumps

As indicated, the Phase 1 project areas will consist of all low pressure sewers. As such, the Town of North Smithfield will provide each homeowner one (1) grinder pump unit at no cost. The owner will be obligated to install and maintain the system. The owner will be responsible for any replacement of the pumps if the need arises in the future.

The vacant lands that will be assessed as part of the sewer improvement program will be credited the cost of the grinder pump when the property is developed. The availability of the grinder pump shall remain in effect up to one (1) year from the notice of the project completion.