



PROJECT SUMMARY

The purpose of exploring an expansion to the existing sewer system is to leverage the existing infrastructure to serve additional residential and commercial properties that are located in high density areas where environmental conditions are not well suited on onsite septic systems. The goal would be to provide an economic benefit to the property owners by improving property value with sewer access and promoting environmental benefits by reducing the impact of poorly treated septage tank effluent discharging to nearby waterways.

The primary design goals have been identified as:

1. All options are on the table for finding cost effective solutions.
2. Provide gravity sewer wherever practical.
3. Provide equality between customer connection costs (pressure vs. gravity connections).
4. Minimize number of lift stations.
5. Minimize the number of individual grinder pump stations.
6. Minimize the disturbance to road surfaces.
7. Maintain a balance between burial depth and water table.
8. Balance scope of expansion service areas with WWTP expansion increments.

The results of preliminary engineering review, based on the stated design goals are presented in the overall service area expansion map.

In addition to the project associated costs, each homeowner would incur some onsite costs for connection of their existing sewer outlet to the new municipal service connection point at the right-of-way line. It is estimated that this cost will be in a range of \$1,500 to \$3,000, depending upon the individual situation.

If we assume financing through the USDA, then the only out-of-pocket cost to the homeowner would be the onsite work to tie-in to the new service lead. The project costs would be recovered through either a special assessment or monthly billing, depending upon how the project financing is structured.

At this time, we estimate that the monthly billing would be around \$120/mo. to cover operations, maintenance, RR&I and the project financing, unless the USDA came through with a grant. This could bring the monthly cost down closer to \$75/mo. However, based on the USDA grant formula, monthly billing would not be less than 1.5% of the MHI, or about \$64/mo. in order to be eligible for grant funds.