

Sewer District

- 18 lots with homes a significant distance from the sewer line (looking for hammerhead or deep lots)
 - 2 off Maple Street bordering Fort Pond Brook
 - Balance (15) near the corner of High & Parker
 - 6 Assabet Crossing
 - 1 next to Assabet off Independence
 - 3 off Parker near High (Sweeney development)
 - Balance: 2 on Parker by Puritan Road and Carlton Drive & 3 on High and 1 on Parker bordering the railroad

1

Neighborhood Approach

- Per Stamski & McNary quote, 10/15/04
- Two alternatives laid out (P. 1.4)
 - “Gravity sewer which will collect sewage and direct it to the sewer main near the intersection of Parker & Independence.”
 - “Certain houses may be required to install a sewer ejector chamber and connect to the proposed sewer main.”
 - Low pressure sewer main
 - Sewage ejector chamber at each house

2

Neighborhood Approach (Excluding Town Cost)	
As per spreadsheet	\$ 122,810
At 75% of estimate	\$ 92,108
At 60% of estimate	\$ 73,686
Typical @ \$4,000 per home * 6	\$ 24,000

Includes Engineering quote \$6.6K - \$8.8K

Not included

- Cut through water pipes and electric to every house
- Common Driveway repaving, if necessary.
- Pump alarms; Common pump electric meter and service.

5

Prospect of replacing existing system

Age of existing septic	15 years	
Soil Type	Sand & Gravel	
Prospect of passing title 5	3 years	Excellent
	5 years	Very Good
	10 years	??

Estimated cost of a new leach field including design. (Not done until sold)	\$20 - \$25,000
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Soil type per septic applications:
 Medium coarse sand: #4
 Sand and silty sand: #'s 6 & 8
 Sand and fine sand: #10
 Sand: #12
 Medium to fine sand: #14

6

Individual Connections

9

Individual Connection Assumptions

- Systems reside on homeowners land only.
- No joint development.
- Truly individual.
- Re: SPREADSHEET ANALYSIS YOU HAVE
 - Error in spreadsheet: Lots 14, 12, 10 and 8 shown to share system engineering and costs.
 - Should have been based on each homeowner having to engineer their own solution. Stamski Quote \$7,600
 - Add \$5,700 for the balance of engineering cost to #14, 12, 10, 8
 - Add \$7,600 to # 4 and 6 as well for individual system engineering.
 - Costs do not include cutting and repairing water and electric utilities, pump alarms nor cost to operate the pump
- Parker Street stub cost significant given line depth at Parker/High main (19+ feet) - Not included

10

Basis for request

- Soil type is a best case scenario for leaching field. Means long life for septic system.
- Cost to replace the septic system less than sewer connection and faster to replace
- Excessive cost of the connection precludes connection now or in the future

Request

- Exempt the property from the betterment
- The Town will not have to spend \$10,000+/- to provide a stub.

13