

Town of Dix
Water & Sewer Extension Study
Public Information Meeting

February 26, 2018

I. Funding Summary for Study

- CDBG Grant, NO Town funds. \$ 50,000.00

II. Schedule

- Completed Study: February 6, 2018.
- Public Informational Meeting: February 26, 2018
- Public Hearing: April 19, 2018.

III. Water Study

- a. Option 1: Meads Hill Road SE from Wedgwood Rd. to SR 414 & KOA and back along SR 414 to Business Park. Ran main through Bennett and Cronk Roads to serve those residents. Also served lower Coykendall Road.
- b. Option 2: Only SR 414 to KOA. Eliminates tying two pressure zones together.
- c. Cost Estimates are: Option 1 = \$3,957,967; Option 2 = \$2,568,126
Do not need a new tank at KOA or on Meads Hill Road for either option.
- d. Pros and Cons for Options 1 & 2:
 1. Properties served on Meads Hill Road per mile of watermain is costly
 2. Expense of installing and maintaining a Pressure Reducing Station to tie the High Zone (WGI Tank Pump Side) and the Low Zone (Static Side of WGI Tank).
 3. Both options provide domestic water to the properties along SR 414 zoned for Mixed Use, potential business development which could increase property tax revenue.
 4. Meads Hill Road zoned for Low Density Rural which discourages development.
 5. Provides improved drinking water quality to residents and businesses in the proposed new service areas by eliminating wells.
 6. Improves the quality of the drinking water supplied to existing customers by decreasing the residence time in the distribution system of Water Distr. #1.
 7. Improvement in water quality for the upper reaches of Water District 1 to WGI by reducing operations costs due to less water flushing. This means better water quality coming into their site from the WGI Tank helping them maintain existing and/or increasing employment at the track.
 8. Improves water quality at the Schuyler County Business Park which is more encouraging to future business development.
 9. Improves economic development potential including the expansion of the KOA Campground which assists in stabilizing or increasing employment.
 10. Large site disturbance and restoration through distribution system.
 11. Potential construction issues in areas of high groundwater and NYSDOT ROW.
 12. Provides minimal looping benefit by having the higher and lower pressure zones separated by a Pressure Reducing Station (PRS).

- e. User Costs for Option 1: Assumes only 20% Grant
 - 1. Annual Cost per EDU = \$1986.48
- f. User Costs for Option 2: Assumes only 20% Grant
 - 1. Annual Cost per EDU = \$1823.89
- g. *Recommend Option 2.***
- h. *NOTE: These costs are for comparison purposes. Funding programs would be solicited to reduce the costs to under the Comptroller's Threshold Allowance (\$994/year).***

IV. Sewer Study

- a. Option 1: SR 414 to KOA.
- b. Option 2: SR 414 to KOA plus lower Coykendall Road
- c. Cost Estimates are: Option 1 = \$2,380,947; Option 2 = \$3,187,715.49.
- d. Option No. 1 includes:
 - Gravity main from KOA to Johnson Hollow Rd to Pump Station #1 (PS #1);
 - Gravity Main, Bennett Rd high point back to Johnson Hollow Rd to PS #1;
 - Gravity Main, Bennett Road high point to Cronk Road Pump Station #2 (PS #2);
 - Pressure Main, PS #1 along same trench on Bennett Rd to PS #2 at Cronk Rd;
 - Gravity Main, SR 414 high point back to Cronk Rd PS #2;
 - Pressure Main, PS #2 to High Point on SR 414 Gravity Main MH;
 - Gravity Main SR 414 high point to Schuyler Co. Business Park MH.
- e. Option No. 2 includes:
 - All gravity and pressure mains in Option No. 1;
 - Gravity Main from Schuyler Co. Business Park East side down to service limits on Coykendall Rd to Pump Station #3 PS #3);
 - Pressure Main, PS #3 up Coykendall Rd to either the west side of SR 414 existing sewer MH or East Side of Schuyler Co Business Park entrance road MH.
- f. Pros and Cons for Options No. 1 & 2:
 - Provides improved ground water quality to residents and businesses in the proposed new service areas by eliminating septic systems.
 - Provides increased property values for parcels along the SR 414 Corridor.
 - Improves economic development potential including the expansion of the KOA Campground which assists in stabilizing or increasing employment.
 - Eliminates potential subsurface flows to Shequaga Creek which is a pristine tributary to Catherine Creek and Seneca Lake.
 - Large site disturbance and restoration through distribution system.
 - Potential construction issues in areas of high groundwater along NYSDOT ROW.
- g. User Costs for Option 1:
 - Annual Cost per EDU = \$1613.82
- h. User Costs for Option 2:
 - Annual Cost per EDU = \$1896.40
- i. Recommend Option 2.**
- j. NOTE: These costs are for comparison purposes. Funding programs would be solicited to reduce the costs to under the Comptroller's Threshold Allowance (\$994/year).**

V. Steps to Complete

- a. Update draft reports for agency review.
- b. Submit Water Study Draft to NYS DOH for review.
- c. Submit Sewer Study Draft to NYS DEC for review.
- d. Finalize Reports from comments received from DOH & DEC.
- e. If the Town and residents want to form new districts, a Public Hearings

VI. Next Steps to form Districts if desired by Town of Dix.

- a. Edit any comments from the Public Informational Meeting
- b. Advertise a Public Hearing for Thursday April 19, 2018 at 6:30 PM.
- c. Look for funding for one or both districts.
- d. Form districts if desired.

VII. Questions?

- a. ***The reason for pushing the April 19th Public Hearing date is funding applications for NYS will probably be due in June, 2018.***