



CHAMPLAIN STREET PUMP STATION UPGRADE BOND VOTE INFORMATION

When is the public information meeting?

PUBLIC INFORMATION MEETING NO. 1

Neshobe Elementary School
Monday, February 29, 2016
7:00 p.m.

When is the bond vote?

BOND VOTE

Town Meeting Day
Neshobe Elementary School
Tuesday, March 1, 2016
7:00 a.m. to 7:00 p.m.

What improvements are included in the Champlain St Pump Station Upgrade project?

- Rehabilitation of eight (8) sewer manhole structures from MH #C3A to #C9.
- Sliplining 2,000' of the original 10" sewerline from MH #C3A to #C9
- Upgrades for the pump station include:
 - Abandonment of the existing dry pit
 - Two (2) new self-priming centrifugal pumps located in the existing building with new piping and valves to reuse the existing wet well structure.
 - New duplex control system located in the existing building.
 - New exterior generator with weatherproof enclosure and automatic transfer switch.
- Installation of approximately 1,350 linear feet of new 6" PVC forcemain east along Champlain Street to replace the existing 4" forcemain.

Why is the Champlain St Pump Station Upgrade required?

- The original 10" vitrified clay pipe upstream of the Champlain Street pump station has been identified with excessive infiltration and these high flows can overload the pump station.
- The original pump station dry pit structure was constructed in the 1960's, and the pump station was flooded during Hurricane Irene in August 2011. There are major concerns about the reliable operation of the pump and controls and structural integrity of the steel dry pit.



- Replacement of the 4" forcemain with a larger 6" PVC forcemain will allow an increase in the capacity of the pump station.
- The new 6" PVC forcemain will replace a 50 year old pipeline which has been susceptible to breaks and leaks.





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What is the project cost and bond amount?

Estimated Construction Cost

Item Description	Estimated Cost
Sewer System Rehabilitation	\$126,000
Pump Station Upgrade	\$163,000
Forcemain Replacement	\$195,000
Total	\$484,000

Total Project Cost and Bond Amount

Item Description	
Total Project Cost	\$680,000
Bond Amount	\$680,000

What is the project schedule?

The project schedule is shown below:

Projected Date		Task
2016	March 1	Bond vote
	April	Start final design
	October	Complete final design and permitting
	November	Advertise for bids
	December	Open bids
2017	April	Begin construction
	July	Complete construction

What are the available funding sources?

Funding through the USDA Rural Development (RD) program includes a combination grant and loan, depending on the project cost and community's ability to pay. Current grant/loan terms through the USDA RD program are estimated to be 2.50% (Intermediate Rate) for 30 years. The Town could qualify for a lower interest rate and grant up to 45% but USDA cannot issue a funding offer until a positive bond vote has occurred.

What is the projected impact on the current Sewer Rates?

To project the increase in sewer rates for this project, a 25% grant/75% loan funding offer was estimated. For this projected funding offer, the annual loan payment is estimated at \$24,300. A residential sewer customer currently pays a semi-annual base fee of \$75 plus a usage charge. ***For this project, the sewer rate is not anticipated to increase since another loan has been paid off.***