

SAND/GRAVEL OPERATION ON FOREST ROAD

Total size of property: 23 acres • Total size of project: 5.7 acres

Approximate Volume Of Material Available: 105,000 Cubic Yards

Currently, we are seeing a mix* of 83% sand and 17% gravel

*This mix amount may vary over time.

If we purchased this material at its current mix, the cost would be:

Two Materials Are Currently Available From The Forest Road Property

Screened Sand = \$871,500.00
Bankrun Gravel = \$160,650.00
\$1,032,150.00

This as a long term project that could last approximately 26 years depending on how much we use per year.

DPW estimates that 4000 yds of these materials are needed each year. More could be utilized if needed for road reconstruction.

4000 cubic yards per year = 26 years

Other materials will be needed to be purchased for road & property maintenance.

This year, we removed approximately 3000 yds of material from the Forest Road location.

If we had purchased this material, it would have cost:

\$24,900 = Screened Sand
 \$4590 = Bankrun Gravel
\$29,490 = Gross Savings

One-time costs	One-time costs spread over 26 years	Yearly Costs
\$15,600 = Surveying & Engineering	\$15,600/26 = \$600	\$3350. = excavator/screener <u> \$600. = One-time cost over life of project</u> \$3950

Costs of trucks and personnel are not included because the yearly budget is fixed.

Total saved with one-time costs spread over 26 yrs: **\$25,540. Net savings**

In addition, the DPW budget was reduced by \$10,000 at Town Meeting last March. It can be added to the \$25,540 for a total of **\$35,540** of savings.