

Conesus Highway Report to the Town Board  
September 8, 2010



In order to understand the scope of the work completed on Bishop Road over the past two years – this was taken in late February 2009. To put it mildly, the road was in terrible condition.



The road was gravel/dirt and the grade is  $\geq 3\%$  and the hill is over 8,000 ft in length. These factors resulted in the issues with ditch as well as road bed erosion. The erosion was so bad that in the spring of each year the underground telephone lines were exposed and had to be recovered. The lines are where the red flags are located.



The ditches armored and new quality DOT approved Item 4 crushed gravel used as a base.



During October 2009 the Highway Department rebuilt the section of Bishop Road between Mission and Marrowback Road. We used 855 ton of fill stone (gabion stone) at \$9.10 a ton (\$7,780) and 5,860 ton of gravel at \$5.00 a ton (\$29,300) and \$1,460 in geo textile fabric for a total of over \$38,000 spent in 2009. This August we spent an additional \$39,000 on 3 coats of oil and stone to finish the two year project.



We used three shots of oil and stone. For the first coat we used #1 crushed stone with .5 gallons of polymer per square foot. The second shot we used 3/8th crushed stone with .3 gallons of polymer per sq. ft. and for the 3rd shot we used #1A road chipping stone with .3 gallons of polymer per sq. ft. By using larger stone (1's) then smaller (3/8th) and then smaller yet (1A's) is so that each coat the smaller stone fills the voids left from the previous coat of larger stone. When used from shoulder to shoulder tying in with the stone lining the ditch we leave no bare surfaces exposed which protects from erosion problems.



The finished product in August 2010. This area of Bishop Road was more expensive to rebuild than normal due to the additional gravel and the stone needed to armor the ditches to control erosion. Bishop Road is within both the Conesus and Hemlock Lake Watersheds.