

The Town of Colchester has approximately 106 miles of Town Maintained Roads that are paved.

This represents approximately 559,680 linear Feet of Paved Roadways

At a present day land development cost are \$225 per ft. to construct a new road (not including Water and Sewer or Elect/Comm. Services)

This represents a investment of over \$125 Million in Pavement and associated Drainage Improvements.

The total land Area that the Road Rights of Ways occupy is over 735 Acres.

At present day land acquisition cost of \$10,000 per dry acre that is developable, this represents a additional \$7.35 Million dollars

Total Roadway Municipal Investment value = \$133.35 Million.

As of 2017, there are 1,515,000 Square Yards of Pavement within the Town Roads alone.

This represents at a depth of 3 inches, 252,248 tons of Bituminous Pavement.

In 2017, the cost for Bituminous Pavement was as high as \$65 per ton.

The cost to purchase just the roadway pavement that the Town is responsible for is \$16,396,120

The life span of roadway bituminous pavement ranges from 14 to 18 years, if left unmaintained.

At maximum life span, the Towns cost would be approximately \$910,895 to purchase an porportional amount of roadway pavement each year.

As noted with Bacon Academy, the pavement was not overlaid and minimally maintained since installation to the point where the only alternative was to reclaim the was to reclaim the pavement and purchase new pavement. The cost of this process is approximately \$17.50 per Square Yard.

If the Town deferred sufficient maintenance funding this cost would be simular on all roadways, leaving a potential cost of \$26,512,500 to reclaim the roads.

The existing Average Town Wide Road Rating is 7.4, This Represents an Average Pavement life of 9.6 years.

The historical record of works indicates that the age corresponds with the record of work funded/performed.

The 5 year plan presented extend to the low end Town Wide Average Pavement end of life span.

2-21-2018 Roads Summary - J. Paggioli