

V-E-3



TOWN AND VILLAGE OF HARRISON ENGINEERING DEPARTMENT



Alfred F. Sulla, Jr. Municipal Building
1 Heineman Place
Harrison, New York 10528

Michael J. Amodeo, P.E., CFM
Town/Village Engineer

March 7, 2014

Mayor Ron Belmont and
Members of the Village Board
Village of Harrison
1 Heineman Place
Harrison, New York 10528

Re: Professional Services Contract
Pavement Management System

Dear Mayor Belmont and Members of the Village Board:

The Town owns and maintains approximately 100 miles of roadway. It costs approximately \$200,000 to resurface each mile of roadway using traditional pavement methods. Capital resurfacing allowances for the last five years average about \$500,000, yielding roughly 2.5 miles per year. This rate yields a cycle of 40 years to address all of our roads, far exceeding the typical useful life for a roadway.

Due to these limiting factors, a substantial increase in planning, organization and analysis, along with more cost effective pavement applications must be utilized in order to maximize the Town's available financial resources.

To accomplish this, Pavement Management Systems are utilized to provide a comprehensive process to systematically organize and analyze substantial amounts of inspection data about the condition of our roadways. This will allow us to strategize the most cost effective ways to extend the life of the Town's roadway system and prioritize street maintenance so as to minimize the effects of long-term deterioration.

Consultants offer services that could develop this pavement management system for the Town. Through these services, the physical condition of each road gets evaluated, and a database is established that includes a condition rating and a recommended course of action for each roadway segment. A computer based system then gets configured that is integrated with the Town's GIS (Geographic Information System). Using this, the consultant then produces analytical reports detailing roadway prioritization, pavement applications and multi-year budgetary scenarios, while providing training for our staff.

I would like to request the Board's consideration of this system. I have attached the proposal for your reference.

If acceptable, we would like to request authorization for this contract at the March 20, 2014 Village Board Meeting.

Respectfully submitted,

Michael J. Amodeo, P.E., CFM
Town/Village Engineer

MJA/fmb

Attachment