



Legislation Text

File #: 2016-0545, **Version:** 1

Title

Pavement Rejuvenator - Proposals

History

As staff continues to evaluate and implement technologies to extend the life of roadway surfaces, the Village utilizes pavement rejuvenator evaluation areas to help identify the right rejuvenator brand/process to use for a particular road. By continually evaluating techniques and products, the Village will employ a variety of methods with cost-effective practices for pavement preservation.

Pavement rejuvenators are applied to paved asphalt streets to seal the pavement surface, and restore and preserve original asphalt properties. Pavement rejuvenator applications are applied prior to visible failures in the street. These preventative treatments have also been recommended as part of the pavement management study completed by, Applied Research Associates (ARA). Working with ARA, staff has identified the Preserves at Marley Creek neighborhood as an ideal candidate for this treatment. Public Works staff requested and received a proposal/estimate for the application of Reclamite® pavement rejuvenator.

Asphalt pavement treatments, when properly applied, have the potential to extend the life of an asphalt roadway for several years beyond the point where rehabilitation or major reconstruction would normally be required. Applying pavement rejuvenators will significantly decrease the Village's annual pavement maintenance costs.

In incorporating pavement rejuvenation into the ongoing road maintenance program, Public Works staff has identified Reclamite as a viable pavement rejuvenation product. Over the past two years, this product has been used in the Ishnala neighborhood and Sterling Ridge Subdivision for side-by-side comparison and evaluation with another product. As staff continues to evaluate each of these applications, Reclamite is being recommended for application near the areas treated with GSB88 pavement rejuvenator earlier this year.

The Reclamite brand is sold and applied by Corrective Asphalt Materials Inc. from South Roxana, Illinois. Reclamite is a petroleum based emulsion applied by spray. The material is then covered with a thin layer of sand to prevent tracking. The street is swept the following day to remove any loose sand. The cost of this product is \$0.82 per square yard or \$14,924 for the intended coverage area (18,200 sq. yds.) in a section of the Preserves at Marley Creek subdivision.

On August 15, 2016, this item was reviewed and approved by the Public Works Committee and

referred to the Board for approval.

Financial Impact

There is sufficient funding in the FY16 Road Improvement Program, account 054-0000-471250, to accommodate this work.

Recommended Action/Motion

I move to approve waiving the bid process;

And

Approve the proposal/estimate for Reclamite® for pavement rejuvenator application from Corrective Asphalt Materials Inc. from South Roxana, Illinois, in the amount of \$14,942.