

VILLAGE OF HODGKINS
PUBLIC WORKS COMMITTEE MEETING
July 15, 2019

Meeting called to order: 1:30 pm

Those present: Dominic Misasi, Chairman
 Paul Struve, Member
 Lida Mills, Member

Also Present: Noel Cummings, President
 Larry Rice, Trustee
 Paul Struve, Trustee
 Tim Kovel, Trustee
 Jim Cainkar, Village Engineer
 Joe Stefanski, P.E.
 Lax Premkumar, P.E.

Those Absent: Vicky Moxley, Member

Presentation by Chicago Metropolitan Agency for Planning

The Chicago Metropolitan Agency for Planning (CMAP) hired Applied Research Associates to implement a pavement management program. The Village of Hodgkins chose to be part of this project.

Joe Stefanski of Applied Research Associates (ARA) along with his colleague Lax Premkumar were present for the presentation,

Mr. Stefanski explained the project started June 2018. Information was given to ARA regarding the streets in the Village. Surface of the streets is being discussed, asphalt concrete, structure of the road is trying to be maintained as best as possible.

In pavement management, objectives are created, and decisions are made on what treatments to use on roadways, when and where the treatments should be done.

Surface assessments are done, then a plan is created for the Village. They are trying to catch the pavement problems before deeper issues are created.

Work was done with Mr. Cainkar and Mr. Misasi to provide ARA with what treatment types are being used, what is open to being used, and the roadwork budget. After these items were discussed a 5 year pavement capital improvement program was developed.

Road Condition Data was collected on the roads via a special truck that features lasers and cameras.

A Power Point presentation showed pictures of the roads in the Village.

The Road Network average rating of the Village is 60, which is a Good/Fair rating. There are a few roads that need some extra work. The roads are being properly maintained. This assessment was done in October prior to the winter. A condition assessment should be done every 3-5 years.

Crack sealing and light patching are good options to keeping roads in good condition. An asphalt road can last 10-20 years depending on truck traffic. Condition on the roads was discussed and options for repairs.

ARA is giving the Village a 5 year plan based on budget. They are giving us what to work on and where, and the Village decides. This plan can be reconfigured in the fall once it is decided what items are going to be worked on. The plan is based on year one and adjusted from there. Pavement that is in good condition needs to be maintained to keep it in good condition. There are roads that can be deferred that will cost a lot of money, and the money can be put into the roads that need less repair, but need to be maintained to prevent further damage.

A light resurface should be done on a yellow coded road. This would add 8-12 years of life to the road. The average person may not see the road as needing to be repaired, but it is adding life the road to prevent a more expensive project in the future.

The condition and previous work on East Avenue was discussed.

ARA is the planning for where to work on the road. The Village gives ARA what treatment is used or willing to use. They recommend a benefit for use of treatment. They do not do design of road or analyze traffic. They work with Jim Cainkar to develop a plan. This plan is for communities who do not currently have a pavement management plan. After the project the individual Village has to decide how they want to move forward with the plan.

The Pilot program is a grant through CMAP. CMAP would pay for the first year of the software program. After the first year the Village would need to pay for the program license and pay someone to be an expert at the software. Data should be recollected every 3-5 years. Cost for not collecting data is \$2000.00-\$25,000.00. For a data collection year the cost is \$50,000-100,000 extra.

The software does not cost estimate a project. A contractor would be need be obtained for project cost.

CMAP chooses to use the Micro-paver software program. Colorado State University maintains the license for this program.

A slide show map was used to show the roads which should be resurfaced in the next 5 years. These are based on current funding of approximately \$500,000.00. This amount was provided by Mr. Cainkar.

Mr. Kovel clarified Santa Fe Drive from the Bridge to the Tollway and 63rd Street were the major projects listed for 2020. Mr. Stefanski clarified these are just recommendations from the software. This is only pavement repair. Projects are recommended based on the breaks of IDOTS IRIS program.

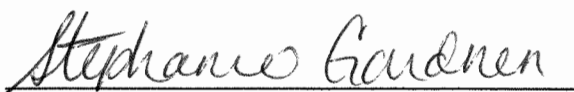
Money from the budget is also allocated for pothole repair, until a resurface can be done.

The different maps were discussed. The program is designed to help preserve good condition roads and extend the life cycle of a road. The key is assessing our own roadways. Crack sealing is recommended to maintain roads.

Maintenance update of the pavement management software is key. Routine survey's every 3-5 years is recommended.

Mr. Rice made a motion to adjourn the meeting. Second by Mr. Struve. Voting Aye: All
Voting Nay: None

Meeting Adjourned at 2:30 p.m.


Stephanie Gardner, Village Clerk