

## MEMORANDUM

To: Robert Kosin, VBH Director of Administration  
Brian Cecola, VBH Chairman Roads & Bridges

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From: Dan Strahan, P.E., CFM  
Gewalt Hamilton Associates (GHA)

Date: December 15, 2016

Re: December 2017 Roads & Bridges Monthly Report

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Below is a summary of 2016 Road & Bridges activities as well as a preview of expected projects and activities in 2017.

### **2016 Road & Bridges Recap**

#### *Veterans' Crossing*

The replacement of the Cuba Road Bridge over Flint Creek began in November of 2015 and was completed and reopened in August of 2016, in the process being renamed, "Veterans' Crossing". The planting of replacement trees will be completed in the spring of 2017 per IDOT planting policies. The total construction cost upon completion is projected to be \$1,178,000. 80% of this construction cost (approximately \$948,000) is being funded through Surface Transportation Program- Bridge (STP-Br) funding, a federal funding source administered by IDOT.

#### *2016 Road Program*

The 2016 Road Program included the resurfacing of Helm Road, Healy Road, Woodcreek Road, Tamarack Lane, Hawthorne Lane, and Lakeview Lane. After bids came in lower than anticipated, the resurfacing of River Road west of Haegers Bend Road was added to the project. In all a total of 3.54 miles of roadway were resurfaced by Lorig Construction at a cost of approximately \$904,000. The work was completed by early September.

An additional 0.22 miles of Spring Creek Road (west of Haegers Bend Road) was resurfaced in the fall of 2016 as part of the Highland Avenue STP project completed by the Village of Algonquin. The roadway was recently reopened to traffic in November. Final landscaping is expected to occur in the spring of 2017. Including Spring Creek Road, a total of 3.76 miles of Village maintained roads were resurfaced in 2016.

#### *2016 Pavement Marking Program*

Maintenance Coatings, Inc. completed the 2016 Pavement Marking Program. Bids for this project also came in lower than anticipated, allowing for Helm Road and River Road to be added to the contract. Existing pavement markings were refreshed on Helm, River, Ridge, Haegers Bend, and Plum Tree (East of Ridge only), a total of 5.8 centerline miles, for less than \$19,000. By comparison, a similar project in 2014 refreshed the existing pavement markings on Ridge, Haegers Bend, and Plum Tree (4.4 centerline miles) at a cost of just under \$20,000.

### **2017 Road & Bridges Preview**

#### *2017 Road Program*

The 2017 Road Program is anticipated to move forward with a budget of \$960,000, based on resurfacing for Chapel Road, Church Road, Ridge Road (County Line Road to Merri Oaks Road), and

patching and resurfacing of the Village Hall parking lots. Converting the Village Hall Parking Lots to an equivalent mileage of asphalt roadway, the total mileage of roads proposed to be resurfaced in 2017 is 3.78 miles.

The scope of the project is subject to change depending on the timing of construction of the Barrington Hills Farm – HARPS facility at the corner of Chapel Road and Church Road. The Roads & Bridges Committee has discussed delaying the resurfacing of Chapel Road and Church Road if construction operations will result in a substantial number of overweight vehicle trips extending into next summer. If it is determined that the resurfacing of these roads needs to be delayed, the condition of other roadways will be reviewed to determine the best use of the available budget.

#### *2017 Drainage Program*

Our initial review of the roadways included in the 2017 budget identified four culverts that require replacement as part of the resurfacing operations. In addition, it is anticipated that the Old Hart Road Culvert project will be included as part of the proposed drainage improvements. The proposed 2017 Roads & Bridges budget includes \$40,000 for Drainage Management.

#### *Transportation Agency Projects*

Several significant county and state transportation projects are in various stages of the planning phase. The Roads & Bridges Committee intends to monitor these projects and keep the Village informed of significant developments:

- Longmeadow Parkway (KDOT)- Kane County DOT had initially targeted the January 20, 2017 letting date for Section D of the Longmeadow Parkway project, but due to delays in the land acquisition process it has been moved back to the March 3, 2017 letting. The County still anticipates that construction will begin in 2017.
- IL 62 Phase I (IL 68 to IL 25) IDOT has selected Epstein Global & Clark Deitz as the primary consultants to assist in the Phase I engineering process. It is anticipated that the project will result in the widening of IL 62 to four lanes as well as various intersection improvements at Old Sutton Road, Bateman Road, Helm Road, and provision for a grade separated equestrian crossing. The preliminary engineering process is expected to begin in 2017 and will likely take 3-4 years to complete.
- IL 62 Phase I- Bridge over Spring Creek- In July IDOT notified the Village that “Legal Loads Only” signage would be installed on the bridge carrying IL 62 over Spring Creek, and that preliminary engineering for replacement of the bridge would be initiated. We will monitor the status of the project as it progresses.
- Hart Road/US 14 Intersection Improvements (Lake County DOT)- This project is currently in the Phase II engineering and land acquisition process. Plans have been prepared and are in the permitting stage currently. Based on wetland permitting requirements and anticipated utility relocations, construction in 2017 is not anticipated.