

VILLAGE OF BARRINGTON HILLS

Roads & Bridges Committee

NOTICE OF MEETING



Thursday, February 18, 2016 ~ 4:00 pm
112 Algonquin Road

AGENDA

1. Organizational
 - 1.1 Call to Order
 - 1.2 Roll Call
2. Public Comments
3. [Vote] Minutes January 21, 2016
4. Discussion Items
 - 4.1 Cuba Road Bridge Update
 - 4.2 ComEd Smart Meter Program Update
 - 4.3 Seasonal Weight Limit Reduction – Update
 - 4.4 2016 Road Program Schedule
 - 4.5 Adopt-A-Road Application- Helm Road
 - 4.6 Brinker Road IGA
 - 4.7 IDOT FY2017-2022 Planning- IL 62
5. Adjournment

Chairman: Brian Cecola

NOTICE AS POSTED

112 Algonquin Road ~ Barrington Hills, IL 60010-5199 ~ 847.551.3000

VILLAGE OF BARRINGTON HILLS

Roads & Bridges Committee

Meeting Minutes

January 21, 2016



Committee Members Present: Trustee Brian Cecola, Chair
Dan Strahan, Village Engineer
Randy Marks, Cuba Township Highway Commissioner

1. ORGANIZATIONAL: The meeting of the Village of Barrington Hills Roads & Bridges Committee was called to order at 4:01 p.m. by Chairman Cecola.

2 PUBLIC COMMENTS: None

3 APPROVAL OF MINUTES: The minutes of the Roads & Bridges Committee Meeting of December 10, 2015 were approved as written.

4.1. CUBA ROAD BRIDGE UPDATE: Mr. Strahan noted that progress had been slowed by two utilities in conflict with the proposed bridge improvements, which included a Nicor gas line along the south side of the bridge and a relocated ComEd utility pole near the northwest wing wall. Both utilities had been relocated by the respective utility agencies in anticipation of the bridge project, but the constructed location of the new improvements were still in conflict. The Village's structural engineer was designing a modification to the southeast wingwall footing to accommodate the gas main.

4.2 WINTER SNOW & ICE CONTROL UPDATE: Commissioner Marks was present to provide an overview of winter snow removal efforts to date. He noted the material controls in place on the trucks to optimize the quantity of salt applied to the roadways, noting the typical application rate was 250-300 lbs/lane mile. Mr. Marks confirmed the Townships policies regarding replacement of mailboxes damaged during snow removal efforts. Trustee Cecola noted that the replacement policy applies only to Village maintained roads and thanked the Commissioner for the Township's work.

4.3 IL RTE. 63 UTILITY CROSSINGS: Mr. Strahan discussed that in response to questions raised at the December Equestrian Commission meeting, the Village Engineer's office had examined the requirements associated with providing additional safety measures for the existing equestrian crossings along IL Rte. 62 east of Bateman Road. Mr. Strahan noted that the road is maintained by IDOT and there are currently two such crossings, one approximately 800' east of Bateman and the second approximately 3000' east of Bateman.

Mr. Strahan noted the potential to install flashing lights to supplement the existing signage. Based on preliminary discussions with IDOT, the installation would be permissible assuming the Village bore the costs for the improvements; in addition, the state would prefer that the two crossing locations be consolidated into a single crossing. Mr. Strahan also discussed the

possibility of a grade separation being included in future widening efforts that may be completed by IDOT, but that no timetable had as of yet been established by IDOT to begin the planning process for such improvements.

4.4 BRINKER ROAD IGA: Mr. Strahan noted that to date no response has been received from the Cook County Division of Transportation and Highways regarding the draft IGA for resurfacing of Brinker Road. Village staff planned to draft a letter and send to the County.

4.5 SPRING CREEK/HIGHLAND IGA RES 15-40: Mr. Strahan noted that an executed intergovernmental agreement had been received from the Village of Algonquin and included in the packet and provided a general summary of the project.

4.6 ADOPT A ROAD PROGRAM HELM ROAD: Mr. Strahan reported that in response to Village approval of an Adopt-a-Road program that Countryside Pack 187 Cub Scouts had inquired about the adoption of Helm Road. Mr. Strahan reviewed the program requirements and noted that Village staff would prepare a program agreement for Pack 187 to proceed with the adoption. Trustee Cecola requested that Village staff review the pricing related to fold-down signage prior to finalizing the agreement.

5. ADJOURNMENT: The meeting was adjourned at 4:27 PM.

MEMORANDUM

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

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

Date: February 15, 2016

Re: Cuba Road Bridge Replacement Project
Status Update

The following is a summary of the current status of the Cuba Road Bridge project.

Excavation & Footing Construction

The Village's structural engineer, WJE, completed their redesign of the southeast wingwall during the week of January 22, 2016 to accommodate the misplaced Nicor gas line. Copenhaver Construction continued work and has placed the footing on the east side of the creek as well as the southeast wingwall. The northeast wingwall will not be placed until the bridge precast units are installed.

Utility Coordination

A utility meeting was held on February 3, 2016 to review the status of relocation efforts on the west side of the creek. As noted in previous discussions, ComEd had initially completed relocation efforts in August 2015 but had placed one of the new poles in conflict with the footing for the northwest wingwall. In addition, AT&T still has active facilities on an existing pole south of the road at this location. Both poles would need to be removed/relocated to allow Copenhaver to move excavation efforts to the west side of the creek.

During the utility meeting, the representative from ComEd indicated that construction efforts would begin in approximately two weeks and would be completed in approximately six to eight weeks as scheduled. AT&T indicated they could mobilize crews concurrently as ComEd completed their work. The contractor and our office encouraged ComEd to review their schedule to complete the work as soon as possible to minimize inconvenience to the public.

A follow-up meeting was held on Friday, February 12, 2016 between Village staff, Trustee Cecola, Copenhaver Construction, and the External Affairs Manager for ComEd to explore any ways to expedite the relocation process. It was noted that GHA, Copenhaver, and IDOT had met to discuss downtime costs that would or would not be covered by the federal funding process. The ComEd representative noted he would inquire internally and determine if the schedule could be expedited.

MEMORANDUM

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

From: Daniel J. Strahan, P.E., CFM
Gewalt Hamilton Associates

Date: February 15, 2016

Re: 2016 Seasonal Weight Limit Reductions

Each spring our office monitors the pavement conditions on Village roadways as well as observed and forecast temperatures in anticipation of establishing a seasonal reduction in the weight limits on local roads down to 10 tons. The purpose of the reduced load limit is to protect the roadways during the spring thaw, during which subsurface conditions result in a reduced capacity for the road base to support overweight loads. The restrictions are put in place pursuant to 625 ILCS 5/15-316, which allow local agencies to impose such a restriction when roads are likely to be seriously damaged or destroyed by overweight vehicles for reasons of "deterioration, rain, snow, or other climate conditions".

Quantitatively this analysis is completed by measurement of Cumulative Freezing Degree Days (CFDD), a statistical measure established by the Federal Highway Administration. A typical threshold for imposing a seasonal weight restriction due to frost is 400 CFDD. Through February 14th, we have calculated this value is 381 CFDD based on temperature values gathered at the Village Hall weather station and is likely to continue to climb in the next few days prior to the forecast warming trend this weekend.

We anticipate a recommendation will be issued to post reduced load limits on Village Roads in early to mid-March. The timeframe for this reduction will be based upon weather conditions and observed pavement conditions. Past dates for this closure are attached for reference.

Village of Barrington Hills
 Seasonal Posting of Roads
 Historical Schedule

Year	Weight Limits Posted	Weight Limits Lifted
1986	March 10, 1986	May 12, 1986
1987	February 18, 1987	April 13, 1987
1988	March 7, 1988	May 3, 1988
1989	March 15, 1989	May 3, 1989
1990	February 12, 1990	April 30, 1990
1991	March 1, 1991	May 13, 1991
1992	March 4, 1992	May 4, 1992
1993	March 10, 1993	June 2, 1993
1994	March 14, 1994	May 9, 1994
1995	March 20, 1995	May 26, 1995
1996	March 4, 1996	May 20, 1996
1997	March 10, 1997	May 19, 1997
1998	None	None
1999	February 22, 1999	May 3, 1999
2000	March 6, 2000	May 8, 2000
2001	March 12, 2001	May 7, 2001
2002	March 25, 2002	May 6, 2002
2003	March 24, 2003	May 1, 2003
2004	March 8, 2004	May 3, 2004
2005	March 21, 2005	May 2, 2005
2006	March 13, 2006	May 1, 2006
2007	March 19, 2007	April 30, 2007
2008	March 17, 2008	May 5, 2008
2009	March 16, 2009	May 11, 2009
2010	March 8, 2010	April 26, 2010
2011	March 14, 2011	May 9, 2011
2012	None	None
2013	March 14, 2013	May 6, 2013
2014	March 17, 2014	May 5, 2014
2015	March 16, 2015	May 4, 2015

President Martin J. McLaughlin
Trustee Colleen Konicek Hannigan
Trustee Fritz Gohl
Trustee Michael Harrington
Trustee Bryan C. Croll
Trustee Michelle Nagy Maison
Trustee Brian D. Cecola



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January 25, 2016

Superintendent John Yonan
Cook County Department of Transportation and Highways
118 N. Clark Street
Chicago, IL 60602

Re: Brinker Road - Barrington Hills PROJECT STATUS

Dear Mr. Yonan:

On Monday, August 31, 2015 Village President Martin McLaughlin, Village Trustee Brian Cecola, Village Engineer Dan Strahan, and I met with you at the Barrington Hills Village Hall to review the pavement condition of several county highways within the Village limits, in particular Brinker Road. We discussed the potential of a partnership between the Village of Barrington Hills and Cook County to utilize Surface Transportation Program funds to resurface Brinker Road in 2016. We considered this to be a mutually beneficial arrangement in that the Village would benefit from a refurbished Brinker Road ahead of when it would otherwise be scheduled, while Cook County would benefit from utilizing STP funding which would otherwise be unavailable.

Pursuant to this understanding, the Village prepared an application for STP funding to the Northwest Council of Mayors, which approved the project for their Multi-Year "B" list. Subsequently the Village Board passed Resolution 15-31, authorizing execution of an Intergovernmental Agreement between the Village and Cook County for the engineering and construction of the project. A copy of this agreement was sent to you in October, but to date we have not received a response to our inquiries regarding the status of the agreement.

The Village remains interested in a partnership with the County to expedite the resurfacing of Brinker Road. However, the engineering process would need to begin soon if construction is to proceed in 2016 as discussed. Please call me directly at 847-551-3004 or via email at rkosin@barringtonhills-il.gov.

Sincerely,

A handwritten signature in blue ink that reads "Robert Kosin".

Robert Kosin, AICP
Village of Barrington Hills
Director of Administration

cc: Martin McLaughlin, Village President
Brian Cecola, Roads & Bridges Chair
Dan Strahan, Village Engineer

President
MARTIN J. McLAUGHLIN

Trustees
FRITZ GOHL, Pro-Term
JOSEPH S. MESSER
KAREN S. SELMAN
PATTY MERONI
COLLEEN KONICEK
MICHAEL HARRINGTON

DOLORES G. TRANDEL, Village Clerk



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May 5, 2014

Mr. John Fortmann
Region 1 Engineer
Illinois Department of Transportation, District 1
201 West Center Court
Schaumburg, Illinois 60196

Re: IL Rte. 62 (Algonquin Road) Improvements, Village of Barrington Hills

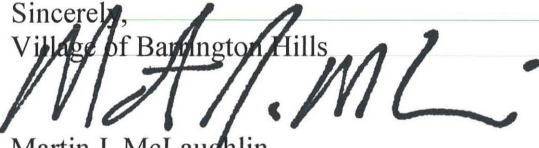
Dear Mr. Fortmann:

I appreciate the meeting with you and your staff on Friday, January 31, 2014 at IDOT District One Offices. It was a candid discussion about the recent Phase I design approval of the Longmeadow Parkway project being pursued by the Kane County Division of Transportation and how that has renewed concerns within the Village of Barrington Hills regarding the capacity of IL Rte. 62 (Algonquin Road). In particular, the existing two-lane section between IL Rte. 68 and IL Rte. 25 continues to see congestion on a daily basis, with an ADT of approximately 22,000. It is anticipated that additional traffic volume from the Longmeadow Parkway project will further add to this congestion.

This anticipated increase in traffic volumes creates a number of concerns for the Village. As congestion increases, motorists increasingly utilize the local roadway network to avoid Algonquin Road traffic, and thereby increase traffic loads on county, village, and private roads which were constructed with the intention of serving only local traffic loads. Increased traffic loadings will further increase the risk associated with crossing IL Rte. 62 at Old Sutton Road, Bateman Road, and Helm Road, which some motorists avoid already due to limited gaps in traffic during peak hours. The Village has seen numerous accidents and fatalities in the past at these intersections. Existing equestrian and pedestrian crossing locations would also be jeopardized by increased traffic volumes. These impacts will result in IL Rte. 62 bisecting the Village, impacting the quality of life for those living or traveling in this area of the Village.

The Village of Barrington Hills for these concerns requests, with no prior expectation of approval or waiver of rights, that the District undertake a study to examine and pursue capacity and safety improvements along IL Rte. 62.

Sincerely,
Village of Barrington Hills


Martin J. McLaughlin
Village President

cc: Board of Trustees