

To: Clerk @VBH  
Bob Kosin  
Dan Strahan

## ROADS AND BRIDGES MONTHLY REPORT MARCH 2015

The Roads and Bridges Committee Meeting was held March 24, 2015. Several residents attended and spoke during public comment.

### 2015 ROAD PROGRAM

Plum Tree Road  
Meadow Hill Road  
Haegers Bend Road

Bids have not been let and a schedule for a start date is not yet determined.

Asphalt prices have not yet been posted which will delay final estimates for this year's road program.

### 2015 DRAINAGE PROGRAM

#### Merri Oaks Road

The Comcast cable has been moved to accommodate the new stormwater sewer. Due to the annual road posting effective March 16, Copenhaver removed their equipment and no further work will be done until the limits are lifted on May 1.

Work is 25% complete

#### Paganica Drainage Project

A meeting was held with the owner, the Homeowner's Association, the developer and the village to determine if the project will go forward. Additional study is required.

#### Lakeview Lane Drainage

A meeting was held with residents on Lakeview Lane to see and discuss flooding problems and possible solutions. Further study is required.

### SEASONAL ROAD POSTING

Seasonal road posting was effective March 16.

### VILLAGE OF ALGONQUIN

Highland Avenue/Spring Creek Road.

An article in the Northwest Herald erroneously reported that the planned bike path extended all the way to Haegers Bend Road. The widening and bike path ends at the Algonquin/ Village of Barrington Hills limits. See memo and map attached.

Lake County DOT/ Hart Road

The Village of Barrington Hills objected to the portion of the proposed sidewalk on the west side of Hart Road to Route 14 from the Hart Road Office Building to Route 14 as the Village of Barrington Hills does not currently maintain any sidewalks or roadside paths of any kind within its corporate limits.

Further conversations will take place on this issue which will severely impact two(2) Barrington Hills properties.

Kane County DOT/ Longmeadow Parkway

Kane County has advised that plans are being finalized to provide a stormwater management design which will provide a 1.2 acre foot retention pond with a natural looking appearance at the western portion of the Longmeadow Parkway in an area zoned B-3 General Business District.

IDOT Response - FAU Reclassification Request

See attached letter to McHenry County Council of Mayors.

Cuba Road Bridge

Right of way acquisition/ negotiations are in progress.

Engineering Fees

Additional engineering outside the scope of the original contract was required. IDOT has approved 80% of these fees in the reimbursement so the total additional cost to the village after IDOT reimbursement would be \$2750.

Signage

A revised estimate for single file only signs has been requested.

Patty Meroni  
Chair,  
Roads and Bridges



Dan Strahan &lt;dstrahan@gha-engineers.com&gt;

---

**Steeplechase standing water**

---

Dan Strahan &lt;dstrahan@gha-engineers.com&gt;

Thu, Jan 29, 2015 at 8:52 AM

To: Robert Kosin &lt;rkosin@barringtonhills-il.gov&gt;

Cc: Village Email &lt;pmeroni@barringtonhills-il.gov&gt;

Bob,

After you and I met to take a look at this in December we completed a limited topographic survey to determine what could be done with this ditch drainage. A copy of the survey is attached. The culvert on the west half of the survey area running from northwest to southeast is the culvert immediately in front of the King pond.

Water was observed standing in the ditchline on the south side of the road. From the survey it is clear why. The culverts themselves are clear, but there is a high point in the ditch of 790.01 to the east of the roadway culvert, which is at 789.86. The culvert coming out of the King Pond is 789.42. The downstream culvert that should be receiving the runoff from this area (which connects to the Kennedy property storm sewer) is at an elevation of 789.42, the same elevation as the culvert at the King pond. As a result, there is likely to be a persistent depth of standing water of up to 7" in this area until it dries out by evaporation or infiltration.

So we have a few options we could consider to address this situation:

1. Regrade and clean up the ditch line to an elevation of 789.42. The ditch itself would be flat so wouldn't drain well and would be wet as it is now, but there would be less standing water next to the culverts. This may be sufficient since most of the ditchline is in a heavily brushed area; of course the brush would get torn up to some extent through the regrading of the ditch.
2. Replace and lower the 15" RCP culvert that connects to the Kennedy storm sewer. We could get this down to an elevation of 788.5 or so, which would provide a minimal amount of positive drainage from the King pond culvert to the Kennedy storm sewer system. However, the ditch slope would still be less than 0.4%; typically anything under 1% will likely stay pretty wet.

We can discuss further details as needed at the February R&B Committee meeting.

Dan

On Sun, Nov 30, 2014 at 5:00 PM, Village Email <pmeroni@barringtonhills-il.gov> wrote:

Bob and Dan,

I hope you had a nice Thanksgiving and a restful break which we all needed.

I drove around this afternoon because I heard the generator running when I went out and there is still area of standing water in the ditch in front of 241(King) and across the street in front of Kainse. The culvert must be clogged since nothing has moved since Bob and I drove around there. Can someone take a look before everything freezes?


Thanks,

Patty

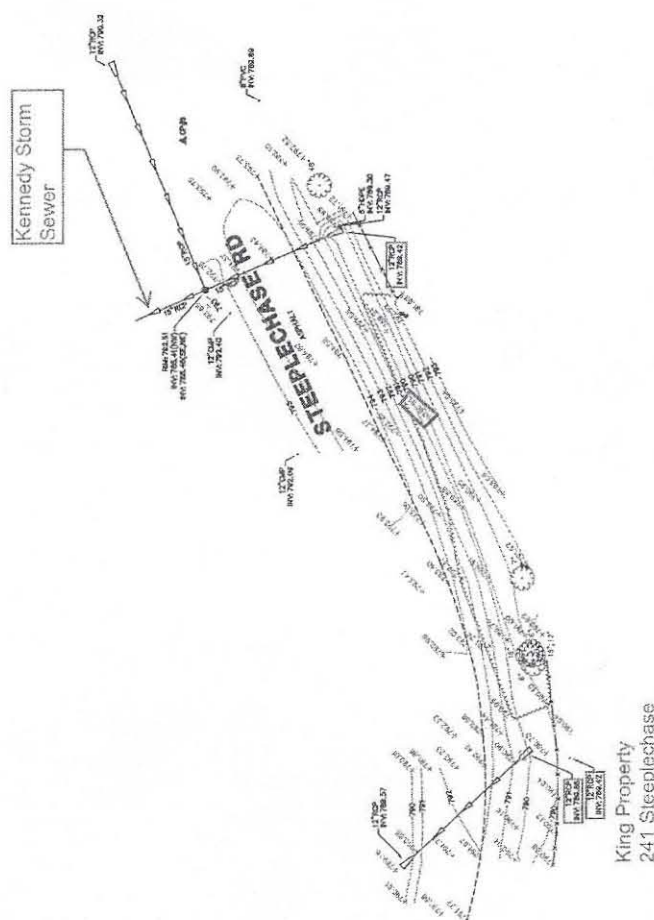
Sent from my iPad

To ensure compliance with the Open Meetings Act, elected or appointed members of the public body may reply to this message, but they should not forward it or send a copy of the reply to other members of the public body.

---  
Dan Strahan, P.E., CFM  
Gewalt Hamilton Associates, Inc.  
625 Forest Edge Drive  
Vernon Hills, IL 60061  
(847)-478-9700 (Main)  
(847)-821-6233 (Direct)

 **9355.140 Steeplechase Drainage Exhibit Mark-Up.pdf**  
168K





Point Totals			
Point #	Month	Entry	Description
4	8/05/2005	1045184.73	CR#-448
3	2/05/2005	1281510.36	7th CR
2	2/05/2005	1281510.36	CR#-447

OWNER: MAG

DATE: 1/21/15

PROJECT #

9.355.140

9.355.140-20

1

9.355.140-20

Q	D	B	R	Q	D	B	R
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88
89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104
105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128
129	130	131	132	133	134	135	136
137	138	139	140	141	142	143	144
145	146	147	148	149	150	151	152
153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168
169	170	171	172	173	174	175	176
177	178	179	180	181	182	183	184
185	186	187	188	189	190	191	192
193	194	195	196	197	198	199	200
201	202	203	204	205	206	207	208
209	210	211	212	213	214	215	216
217	218	219	220	221	222	223	224
225	226	227	228	229	230	231	232
233	234	235	236	237	238	239	240
241	242	243	244	245	246	247	248
249	250	251	252	253	254	255	256
257	258	259	260	261	262	263	264
265	266	267	268	269	270	271	272
273	274	275	276	277	278	279	280
281	282	283	284	285	286	287	288
289	290	291	292	293	294	295	296
297	298	299	300	301	302	303	304
305	306	307	308	309	310	311	312
313	314	315	316	317	318	319	320
321	322	323	324	325	326	327	328
329	330	331	332	333	334	335	336
337	338	339	340	341	342	343	344
345	346	347	348	349	350	351	352
353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368
369	370	371	372	373	374	375	376
377	378	379	380	381	382	383	384
385	386	387	388	389	390	391	392
393	394	395	396	397	398	399	400
401	402	403	404	405	406	407	408
409	410	411	412	413	414	415	416
417	418						

**EXISTING CONDITIONS**

**STEEPLECHASE ROAD  
BARRINGTON HILLS, ILLINOIS**

**COPYRIGHT NOTICE**

This article is the property of Speech-Hearing Associates, Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written contribution from Speech-Hearing Associates, Inc.

**CHA GEWALT HAMILTON ASSOCIATES, INC.**  
625 Forest Edge Drive • Vernon Hills, IL 60061  
Tel. 847/455-9200 • Fax 847/478-0000