

VILLAGE OF BARRINGTON HILLS

Roads & Bridges Committee

NOTICE OF MEETING



Thursday, April 21, 2016 ~ 4:00 pm
112 Algonquin Road

AGENDA

1. Call to Order & Roll Call
2. [Public Comments](#)
3. [Vote] [Minutes March 17, 2016](#)
4. Discussion Items
 - 4.1 [2016 Road Program Update](#)
 - 4.2 [Woodcreek Drainage Easement](#)
 - 4.3 [Lakeview Lane Drainage](#)
 - 4.4 [Cuba Road Bridge Update- Construction Status & Plaque](#)
 - 4.5 [Highland Avenue/Spring Creek Road Project – Village of Algonquin](#)
 - 4.6 [Lake County DOT- US 14/Hart Road Intersection Improvements Update](#)
 - 4.7 [Helm Road Drainage](#)
5. Adjournment

Chairman: Brian Cecola

NOTICE AS POSTED

VILLAGE OF BARRINGTON HILLS

Roads & Bridges Committee

Meeting Minutes

March 17, 2016



Committee Members Present: Trustee Brian Cecola, Chair
Martin McLaughlin, Village President
Dan Strahan, Village Engineer
Robert Kosin, Director of Administration

Others Present: James Dudek, ComEd
David Stieper

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 February 18, 2016 were approved as written.

4.1 COMED- LED STREETLIGHT CONVERSION PROGRAM: Trustee Cecola introduced James Dudek from ComEd and thanked him for his efforts to expedite their work on the Cuba Road Bridge project. Mr. Dudek discussed the history of the ComEd LED Streetlight Conversion Program and its application in the Village of Barrington Hills. He noted that there were 15 existing streetlights within the Village that qualified for change out from either mercury vapor or sodium vapor lights to new LED lights. He noted that there would be no expense to the Village for the initial change out and lower electricity costs are expected after installation. Trustee Cecola asked about the timeline for the project and Mr. Dudek noted that ComEd had targeted May of 2016 to complete the changes. Mr. Dudek also provided a short recap of the ComEd Smart Meter Program, noting that a small number of meters remained and that full completion of the meter changes in the Village was anticipated by June of 2016. Mr. Dudek also provided a reminder that with the spring storm season coming up, ComEd provides text alerts and other ways to stay updated on outages at www.comed.com.

4.2 CUBA ROAD BRIDGE UPDATE: Mr. Strahan provided an update on the ongoing utility relocation delays, noting that ComEd and Comcast had completed their relocation work by early March and AT&T has been onsite working to relocate their facilities. AT&T anticipates completing their work next week, with Copenhagen anticipated to return to the site the following week. Trustee Cecola discussed the potential to rename the bridge in a way that would honor veterans, perhaps Veteran's Crossing. President McLaughlin noted that this represented a unique opportunity and mentioned possible cooperation with the Lion's Club or other organizations to

memorialize the location. Mr. Kosin noted that a resolution of the Village Board would be needed.

4.3 SEASONAL WEIGHT LIMIT REDUCTION – UPDATE: Mr. Strahan noted that the reduced load limits had been posted as of March 7, 2016 and that acknowledgement of the posting would be on the agenda for the March 30, 2016 Village Board meeting. Mr. Strahan noted that typically the reduction is lifted in late April or early May, but the timing is weather dependent.

4.4 2016 ROAD PROGRAM- DESIGN PROGRESS UPDATE: Mr. Strahan noted the list of roads to be resurfaced in 2016, including Woodcreek Road, Helm Road, Healy Road (Dundee Road to Penny Road), Tamarack Lane, Lakeview Lane, and Hawthorne Lane, totaling 2.9 miles. He noted that with the inclusion of Spring Creek Road west of Haegers Bend (to be resurface as part of a Village of Algonquin project), the total mileage to be resurface is 3.1 miles. Mr. Strahan noted that to date bid pricing has reflected lower asphalt prices than last year. Trustee Cecola noted that this may provide an opportunity to add a road to the project.

4.5 CN OPERATIONAL REPORTS: Mr. Strahan noted that since Canadian National had acquired the EJ&E railroad tracks in 2009, they had been required to submit monthly operational reports. It was noted that no Village roads cross the tracks, but Old Sutton Road, Penny Road, and Otis Road, all maintained by the Cook County Department of Transportation and Highways, do cross the tracks. The monthly operational reports require documentation any time a train blocks a crossing for 10 minutes or more. A 52 minute blockage was reported in December of 2015.

5. ADJOURNMENT: The meeting was adjourned at 4:25 PM.

MEMORANDUM

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

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

Date: April 18, 2016

Re: 2016 Road Program - Status

Preparation of construction documents for the 2016 Road Program is nearing completion in anticipation of a bid advertisement on Tuesday, April 26, 2016. As an overview the 2016 Road Program will include the following:

- Patching and resurfacing of 2.9 miles of Village-maintained roads.
- Design of culvert replacements on roads to be resurfaced. A total of 13 culverts will be replaced as part of the road program, with three locations on Helm Road (one culvert is a partial replacement), four on Woodcreek Road, two on Tamarack Lane, two on Rebecca Drive, and two on Hawthorne Lane.
- The public portion of a drainage improvements project on Lakeview Lane is proposed, allowing for future connection by homeowners to drain the roadside ditches to Heather Lake. After meeting with a resident, there is concern that Dundee Road is the reason for drainage issues on Lakeview Lane. He has requested that the village regrade the ditch line along Dundee Road within IDOT R.O.W. We are looking at proposed cross sections through Dundee Road to verify this concern and move forward with a plan of action. The drainage for Lakeview will be the subject of a meeting with the neighbors on Tuesday, April 19, 2016 and an update will be provided at the meeting.

While the design is nearing completion there are a few remaining elements of coordination that we will be focusing on in the coming weeks:

- Storm Sewer Televising- American Underground was able to televise and jet two culverts within the Woodcreek Road right-of-way. Due to high water levels in the pipe, as well as uneven offset joints in the 12" RCP pipe, American Underground was unable to televise the 12" outfall storm sewer. The outfall was located in the field. As conditions dry up, an additional site visit will be scheduled to finish televising.
- Road resurfacing has been finalized and no longer includes any bid alternates. The scope is as follows.

(1) **Tamarack Lane**- Mill 2", place 1" level binder, and 2" surface. At the north end we will also add pavement to allow for better turns into the driveway; widen the pavement for a 10'x40' area. Within this area allow for Earth Excavation to a depth of 14"; 8" Aggregate Base Course, 4" HMA Binder course, and 2" HMA Surface Course.

(2) **Helm Road**- Mill 2" surface within the curbed areas, place 1" level binder, and 2" surface.

(3) **Hawthorne Lane**- Mill 2" surface, place 1" level binder, and 2" surface.

(4) **Woodcreek Road**- No surface removal; place 1" level binder and 2" surface.

5) **Lakeview Lane**- Mill 2" surface, pulverize to depth of 8", place 2" binder and 2" surface. Also pave over the grass island in the cul-de-sac (same cross section as the additional pavement on Tamarack).

(6) **Healy Road**- Mill 2" surface, pulverize to depth of 8", place 2" binder and 2" surface.

- IDOT Highway Permit- Plans have been submitted to IDOT permit engineer John Karabowicz for review. It is our expectation that permitting will be required where work is shown within state R.O.W. on IL-Route 68 and IL-Route 59.

Preliminary bid results received to date in other communities have found significantly lower asphalt prices, presumably due to low asphalt and fuel prices. If this pricing trend continues it may be possible to add roadway segments to the proposed scope of work while remaining within the approved budget amount.

MEMORANDUM

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

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

Date: April 18, 2016

Re: Woodcreek Road- Proposed Drainage Easement

In our examination of the roadside drainage along Woodcreek Road, it was found that multiple existing culverts in the vicinity of 11 Woodcreek Road discharge to an existing storm sewer along the southern property line, running from the right-of-way back to Spring Creek, a distance of approximately 900'. In reviewing the roadside drainage it was determined that it would benefit the Village and the homeowner to consolidate the existing roadway culverts and tie a single roadway culvert into the existing storm sewer along the property line.

Concurrently, the homeowner at 11 Woodcreek Road is in the process of applying for a building permit that would modify the outlet structure of the existing pond on the property. Specifically the outlet pipe would tie into the existing storm sewer along the southern property line.

The original subdivision did not dedicate an easement along the south property line. However, as the existing storm sewer pipe directs runoff from Woodcreek Road across the property to Spring Creek, it would be appropriate for an easement to be dedicated to define future maintenance responsibilities for the pipe. The following documents are attached to provide further illustration of the discussion above:

- Draft Resolution for Proposed Easement
- Proposed Easement Agreement
- Easement Exhibit
- 11 Woodcreek Site Development Plan

RESOLUTION NO. 15-

A RESOLUTION AUTHORIZING ACCEPTANCE OF A PERMANENT EASEMENT FOR DRAINAGE PURPOSES

WHEREAS, the Village of Barrington Hills ("Village") is a home-rule municipality pursuant to Article VII, Section 6, of the Constitution of the State of Illinois, and as such is authorized to take all reasonable action pertaining to its affairs in accordance therewith; and

WHEREAS, David Russo ("Owner") is the owner of certain real property in the Village of Barrington Hills, Illinois, which property is identified by the common address of 11 Wood Creek Road, Barrington Hills, Illinois, Permanent Index No. 01-20-201-006; and

WHEREAS, the Village has discussed with the Owner the necessity of the Village's acquisition of an easement over an existing storm sewer along the south property line of his property for stormwater drainage purposes, and the Owner is desirous of granting a non-exclusive easement for said purposes; and

WHEREAS, the Village and the Owner have discussed the terms of the non-exclusive easement, as set forth in the Easement Agreement attached hereto and incorporated herein by reference as Exhibit A, and both parties have determined it is reasonable and necessary to execute such Easement Agreement for the purposes set forth therein.

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Barrington Hills, located in the Counties of Cook, Kane, Lake and McHenry, Illinois, as follows:

SECTION ONE: The recitals set forth above are incorporated herein and made a part hereof.

SECTION TWO: The Village President is hereby directed and authorized to execute the Easement Agreement attached hereto as Exhibit A, on behalf of the Village, and the Village Clerk shall attest thereto.

SECTION THREE: After securing a fully executed Easement Agreement, the Village Clerk shall forward a copy of this Resolution, with executed Easement Agreement attached thereto, to Village Engineer Dan Strahan of Gewalt Hamilton & Associates, Inc., 625 Forest Edge Drive, Vernon Hills, IL 60061; and she shall file a certified copy of same with the Record of Deeds of Cook County, and thereafter shall maintain the recorded copy of same within the Village's official records.

SECTION FOUR: This Resolution shall take effect immediately upon its passage and approval as provided by law.

PASSED AND APPROVED by the President and Board of Trustees of the Village of Barrington Hills, Illinois, this _____ day of _____, 2016.

APPROVED:

Village President

ATTEST:

Village Clerk

Ayes: _____

Nays: _____

Absent: _____

This instrument was prepared by

Bond, Dickson & Associates, P.C.
400 S. Knoll Street, Unit C
Wheaton, IL 60187

After Recording Return To:

Village of Barrington Hills
112 Algonquin Road
Barrington Hills, Illinois 60010
Attn: Village Administrator

EASEMENT AGREEMENT

This Easement Agreement ("Agreement") is made this ____ day of _____, 2016 by and between the Village of Barrington Hills, an Illinois municipal corporation (the "Village") and David Russo ("Owner").

RECITALS

A. Owner is the owner of certain real property in the Village of Barrington Hills, Illinois, which property is identified by the common address of 11 Wood Creek Road, Barrington Hills, Illinois, Permanent Index No. 01-20-201-006, and which is legally described on the attached Exhibit A (the "Property").

B. The Village has discussed with the Owner the necessity of the Village's acquisition of an easement over an existing storm sewer along the south property line of the Property for stormwater drainage purposes, and the Owner is desirous of granting a non-exclusive easement for said purposes. The Village intends to replace and relocate an existing roadway culvert under Wood Creek Road which will connect to the existing storm sewer located on Owner's property.

C. The Parties are entering into this Agreement to grant the Village a permanent drainage easement over that portion of the Property described on Exhibit B attached hereto.

NOW THEREFORE, for and in consideration of the Recitals, which are incorporated herein, for the sum of Ten Dollars (\$10.00) paid by the Village to the Owner and for other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

AGREEMENTS

1. Grant of Permanent Drainage Easement to the Village. The Owner hereby grants to the Village, its successors and assigns, a non-exclusive, permanent drainage easement over the portion of the Property legally described and noted on the Plat of Easement attached hereto as Exhibit B (the “Permanent Easement Area”) for purposes of maintaining an existing storm sewer on the Property and connecting a proposed roadway culvert to said storm sewer.

2. Construction of Improvements. The Village shall construct the proposed roadway culvert (the “Public Improvements”) in a lien-free and good and workmanlike manner, in accordance with all laws and regulations, and as shown on the plans for the 2016 Road Program – Various Culvert Replacements, dated March 2, 2016, prepared by Gewalt Hamilton Associates, Inc. (the “Plans”). Village shall proceed with the construction of the Public Improvements using due diligence and shall complete the same by November 30, 2016, subject to matters beyond the reasonable control of Village.

3. Maintenance/Restoration. The Village shall maintain the existing storm sewer and the proposed Public Improvements in good order, condition and repair in a manner consistent with other similar public improvements constructed by the Village, in compliance with all laws and regulations, and otherwise in a condition acceptable to Owner.

4. Default. If a party to this Agreement alleges that the other party is in breach hereof, the party alleging breach shall give written notice to the other party, such notice specifying the nature of the alleged breach. Unless otherwise set forth herein, and except in case of an emergency where persons or property are in immediate peril, the party in breach shall have thirty (30) days after receipt of the notice to effect a cure; in an emergency, all reasonable steps to cure shall be taken immediately.

5. Insurance. The Village shall cause the contractor constructing the Public Improvements to obtain, at its sole cost and expense, and maintain during the construction of the Public Improvements, commercial general liability insurance for the mutual benefit of Owner and the Village with a combined single limit of not less than \$1,000,000.00 on an occurrence basis, which policy shall:

- (a) be written by solvent insurance companies licensed in the State of Illinois; and
- (b) provide that such policy of policies may not be canceled by the insurer without first giving Owner at least thirty (30) days prior written notice.

Such contractor shall also be required to obtain and maintain, at its sole cost and expense, during the performance of its construction operations, workers compensation insurance covering all persons directly employed by such contractor in connection with the construction operations and with respect to which death or injury claims could be asserted against Owner, the Property or any interest therein as required by applicable laws and regulations. Village shall deliver certificate(s) of insurance evidencing the required insurance of contractor to Owner prior to commencement of any construction operations on the Property.

6. Notices. Notices shall be in writing and sent via recognized overnight courier or by messenger to the parties at the addresses listed below. Notices shall be deemed received when actually received if sent by messenger, or in the case of overnight courier, on the next business day following deposit with the courier.

Notices to Owner: Mr. David Russo
11 Wood Creek Road
Barrington Hills, IL 60010

Notices to the Village: Village of Barrington Hills
112 Algonquin Road
Barrington Hills, IL 60010
Attention: Village Administrator

7. Running of Benefits and Burdens. All provisions of this Agreement, including the benefits and burdens, run with the land and are binding upon and inure to the heirs, assigns, successor, tenants and personal representatives of the parties hereto.

8. Choice of Law. This Agreement shall be construed under the laws of the State of Illinois.

9. Amendment/Termination. This Agreement may not be amended/modified or terminated except in a writing signed by the parties hereto, or their successors and assigns.

10. Non-Waiver. No waiver by either Party of any default in performance on the part of the other party, or of any breach or series of breaches, or any of term, covenant or condition of this Agreement will constitute a waiver of any subsequent breach or a waiver of any term, covenant or condition.

11. Severability. If any provision of this Agreement, or the application of any such provision to any person or circumstance, is held by any court of competent jurisdiction to be invalid or unenforceable, the remainder of this Agreement, or the application of such provision to persons or circumstances other than those to which it is held invalid, will be construed as if the void or unenforceable provision were not included in this Agreement.

12. Entire Agreement. This writing constitutes the entire Agreement between the parties hereto with respect to the subject matter hereof. It supersedes all prior oral and written understandings, agreements, representations and negotiations.

13. Rights Reserved. Owner reserves and shall continue to enjoy the use of the Property for any purpose which does not interfere with or prevent the use by Village of the easement herein granted, or the maintenance by Village of any improvements or utilities related to the easement granted herein and located by Village within the Permanent Easement Area. The easement herein granted are and shall be expressly subject to any easements and right-of-way already existing or created by Owner in, over, upon and across the Permanent Easement Area, and Owner reserves and retains the right to convey similar rights-of-way and easements to such

other persons or entities as Owner may deem proper for any purpose which does not materially interfere with or prevent the use by Village of the easement herein granted.

[signature page follows]

IN WITNESS WHEREOF, the parties have executed this Agreement as of date first written above.

Owner:

David Russo

By: _____

Name: _____

Village:

The Village of Barrington Hills,
an Illinois municipal corporation

By: _____

Martin McLaughlin, President

By: _____

Anna Paul, Village Clerk

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

I, the undersigned, a Notary Public, in and for the County and State aforesaid, DO HEREBY CERTIFY that David Russo, personally known to me to be the same person whose name is subscribed to the foregoing instrument appeared before me this day in person and acknowledged he signed and delivered the said instrument as their free and voluntary act for the uses and purposes therein set forth.

GIVEN under my hand and Notary Seal this ____ day of _____, 2016.

Commission expires on _____, 20__.

Notary Public

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

I, the undersigned, a Notary Public, in and for the County and State aforesaid, DO HEREBY CERTIFY that Martin McLaughlin personally known to me to be the President of the VILLAGE OF BARRINGTON HILLS, and personally known to me to be the same person whose name is subscribed to the foregoing instrument as such President of the VILLAGE OF BARRINGTON HILLS, and that he appeared before me this day in person and acknowledged that as such President of the VILLAGE OF BARRINGTON HILLS he signed and delivered the said instrument, pursuant to authority given by the VILLAGE OF BARRINGTON HILLS as his free and voluntary act, and as the free and voluntary act and deed of said municipality, for the uses and purposes therein set forth.

GIVEN under my hand and Notary Seal this ____ day of _____, 2016.

Commission expires on _____, 20__.

Notary Public

EXHIBIT A

PROPERTY

The Southerly 15 feet of Lot 11 In Etters Woodcreek Estates Subdivision of Barrington Hills, a subdivision of part of the Northeast 1/4 of Section 20, Township 42 North, Range 9 East of the Third Principal Meridian, in Cook County, according to the plat thereof recorded March 31, 1959 as Document no. 17495285, in Cook County, Illinois.

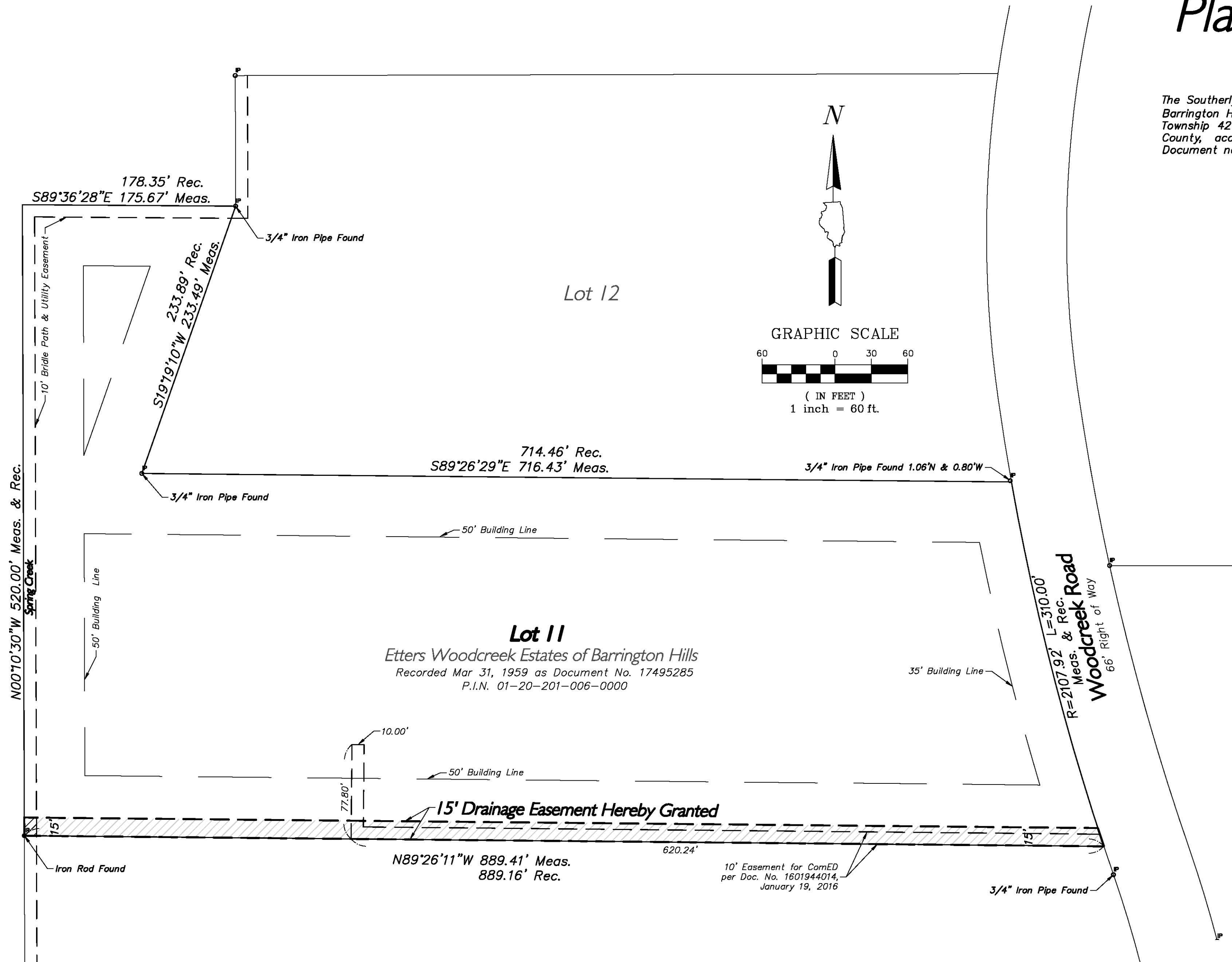
PIN: 01-20-201-006

EXHIBIT B
PLAT OF EASEMENT

Plat of Easement

to the Village of Barrington Hills
for Public Utilities & Drainage

The Southerly 15 feet of Lot 11 In Etters Woodcreek Estates Subdivision of Barrington Hills, a subdivision of part of the Northeast 1/4 of Section 20, Township 42 North, Range 9 East of the Third Principal Meridian, in Cook County, according to the plat thereof recorded March 31, 1959 as Document no. 17495285, in Cook County, Illinois.



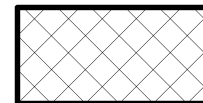
SHEET TITLE		PROJECT NO.
Plat of Easement		9355.147
		SCALE 1" = 60'
PROJECT		DATE 03.24.2016
		DRAWN BY AS
Village of Barrington Hills 11 Woodcreek Road		CHECKED BY DS
		DRAWING NO.
GEWALT HAMILTON ASSOCIATES, INC.		/
CONSULTING ENGINEERS & SURVEYORS		
850 Forest Edge Drive Vernon Hills, IL 60061 Tel. 847.478.9700 Fax 847.478.9701		
		1 OF 1 SHTS

TOPOGRAPHIC AND BOUNDARY SURVEY
OF

LOT NUMBER 11 IN ETERS WOODCREEK ESTATES OF BARRINGTON HILLS, A
SUBDIVISION OF PART OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP
42 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY,
ILLINOIS, AS PER PLAT THEREOF RECORDED ON MARCH 31, A.D. 1959, IN THE
RECORDERS OFFICE OF COOK COUNTY, ILLINOIS, IN BOOK 532 OF PLATS, IN PAGE
42 AS DOCUMENT 17,495,285, SITUATED IN THE COUNTY OF COOK, IN THE STATE
OF ILLINOIS.

LEGEND

- STORM SEWER WITH SIZE
WELL
BASE FLOOD ELEVATION 800.7
CONTOUR ELEVATION
SPOT ELEVATION
*GAS LINE
*TELEPHONE LINE
*ELECTRIC LINE
*CABLE TELEVISION LINE
*OVERHEAD UTILITIES
UTILITY POLE

*UNDERGROUND UTILITIES BASED ON
FIELD MARKINGS BY OTHERS

LIMITS OF EXISTING POND (SURFACE AREA = 1,151 S.Y.)



LIMITS OF EXCAVATION (SURFACE AREA = 55.56 S.Y.)

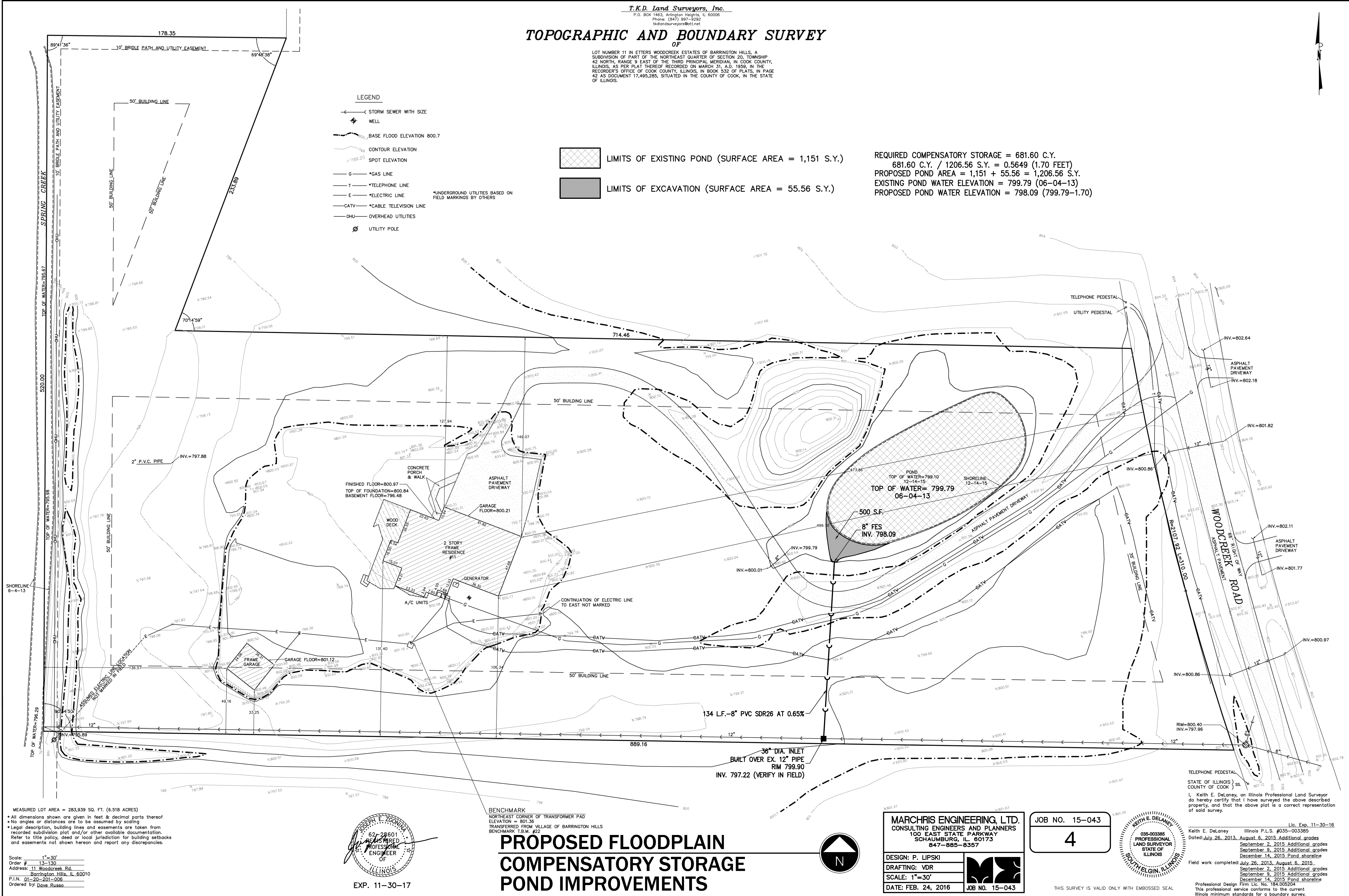
REQUIRED COMPENSATORY STORAGE = 681.60 C.Y.

681.60 C.Y. / 1206.56 S.Y. = 0.5649 (1.70 FEET)

PROPOSED POND AREA = 1,151 + 55.56 = 1,206.56 S.Y.

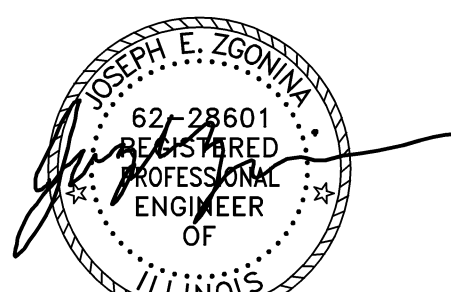
EXISTING POND WATER ELEVATION = 799.79 (06-04-13)

PROPOSED POND WATER ELEVATION = 798.09 (799.79-1.70)



MEASURED LOT AREA = 283,939 SQ. FT. (6.518 ACRES)
• All dimensions shown are given in feet & decimal parts thereof
• No angles or distances are to be assumed by scaling
• Legal description, building lines and easements are taken from
recorded subdivision plat and/or other available documentation.
Refer to title policy, deed or local jurisdiction for building setbacks
and easements not shown hereon and report any discrepancies.

Scale: 1"=30'
Order # 13-130
Address: 11 Woodcreek Rd.
Barrington Hills, IL 60010
P.L.N. 01-20-201-006
Ordered by: Dave Russo



EXP. 11-30-17

BENCHMARK
NORTHEAST CORNER OF TRANSFORMER PAD
ELEVATION = 801.36
TRANSFERRED FROM VILLAGE OF BARRINGTON HILLS
BENCHMARK T.B.M. #22

PROPOSED FLOODPLAIN
COMPENSATORY STORAGE
POND IMPROVEMENTS

MARCHIS ENGINEERING, LTD.
CONSULTING ENGINEERS AND PLANNERS
100 EAST STATE PARKWAY
SCHAUMBURG, IL 60173
847-885-8357

DESIGN: P. LIPSKI

DRAFTING: VDR

SCALE: 1"=30'

DATE: FEB. 24, 2016



JOB NO. 15-043

JOB NO. 15-043

4



Keith E. Delaney, an Illinois Professional Land Surveyor
do hereby certify that I have surveyed the above described
property, and that the above plat is a correct representation
of said survey.

Illinois P.L.S. #035-003385
Dated: July 26, 2013, August 6, 2015, Additional grades
September 2, 2015, Additional grades
September 9, 2015, Additional grades
December 14, 2015, Pond shoreline
July 26, 2013, August 6, 2015
September 2, 2015, Additional grades
September 9, 2015, Additional grades
December 14, 2015, Pond shoreline

Professional Design Firm Lic. No. 184,005,204
This professional service conforms to the current
Illinois minimum standards for a boundary survey.

THIS SURVEY IS VALID ONLY WITH EMBOSSED SEAL

MEMORANDUM

To: Robert Kosin, VBH Director of Administration
Patty Meroni, VBH Chairman Roads & Bridges

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

Date: March 20, 2015

Re: 2015 Spring Drainage Issues
Lakeview Lane

On Tuesday, March 17th, Trustee Meroni and I met with Mr. Don Whitaker (50 Lakeview Lane) and Mr. & Mrs. Keady (47 Lakeview Lane). Both residents requested an analysis of the existing drainage conditions along Lakeview Lane north of Dundee Road where there is persistent standing water in the ditchlines. The overland flow route for this area is south within the ditchlines to Dundee Road, then east along the north ditchline of Dundee Road approximately 850' to a point at which the flow would turn north and flow into Heather Lake.

Our office had previously reviewed this condition in 2010 (GHA memo attached along with some of the latest correspondence from the residents). The primary issue remains the poor slope within the ditchline of Dundee Road and the limitations of modifying the ditchline to an acceptable slope for consistent drainage. After meeting with the residents this week GHA was directed to re-examine this area using current 1' topography to determine the feasibility of addressing the residents drainage concerns.

Option 1: Improve Ditches along Lakeview Lane and Dundee Road

The current 1' contours confirm the limitations of modifying the ditchlines, in particular along Dundee Road. The depressional area holding water at the southwest corner of 47 Lakeview Lane has area below 852. The slope of the ditchline along Dundee Road is inconsistent but the ditchline elevation is not consistently below 852 until approximately 450' east of the intersection. The normal water level of Heather Lake is approximately 847, so if the ditchline had a consistent slope from Heather Lake to the Dundee Road ditch to the Lakeview Lane ditch to the depressional area, it would be approximately 0.35%, which is not a maintainable slope for a grass ditch.

Option 2: Storm sewer to Heather Lake

As noted in our June 15, 2010 memo, perhaps the most viable option from a technical standpoint would be a storm sewer connection from Lakeview Lane to Heather Lake via an easement/approval from the underlying property owner. A conceptual plan for such an approach in the attached exhibit for 47 Lakeview; something similar could be done via 45 Lakeview or 55 Lakeview. As shown the project would include approximately 880' of storm sewer.

Option 3: Storm sewer to Keene Lake

This option has been considered previously and has similar limitations as option 2 in that access to Keene Lake would be through private property. Keene Lake is considerably lower than Heather Lake so slope would be less of a concern, but would require an additional 200-300' of storm sewer and thus would be more expensive to construct.

**SUMMARY DISCUSSED IN MARCH 2015; REPOSTED
FOR APRIL 2016 R&B COMMITTEE MEETING.**



Dan Strahan <dstrahan@gha-engineers.com>

Lakeview Lane Drainage

dwhita5210@aol.com <dwhita5210@aol.com>

Wed, Jun 16, 2010 at 7:24 PM

To: eramesh@barringtonhills-il.gov, dstrahan@gha-engineers.com, jdkeady@aol.com, DWhita5210@aol.com

Hello Again Elaine: John Keady was kind enough to forward the email below to me for my review.

Also sounds like John Keady is kindly considering allowing this project to be on his property. I think this should be a village funded project. I know that last year Ridge Road was the recipient of what I believe was a village funded water drainage project. Dan mentioned was there enough public benefit: three things on that subject: Lakeview Lane is crumbling from the water drainage problem, Dundee Road Floods out, standing water a health issue mosquitos and West Niles virus.

I would like to see this project put on our village comprehensive drainage problem. I have lived here 5 years water has been in that ditch in front of my house for 10 years or more and becoming a bigger problem. I am now actually seeing the water cross under Dundee road coming into the ditch at 50 Lakeview Lane. With all the current government programs is there federal money available through the state for projects like this one. I certainly do not think a few citizens should have to pay for a problem that should have been addressed long before we moved here.

I will wait to hear from you.

Sincerely,

Don Whitaker

Subject: Fwd: Lakeview Lane Drainage

Karl and Don,

I would be interested in your thoughts on this matter. I will get Jack's e-mail address and send to him.

Thanks, John Keady(47 Lake View).

-----Original Message-----

From: Dan Strahan <dstrahan@gha-engineers.com>

To: Elaine Ramesh <eramesh@barringtonhills-il.gov>; Robert Kosin <rkosin@barringtonhills-il.gov>

Cc: jdkeady@aol.com

Sent: Tue, Jun 15, 2010 11:45 am

Subject: Lakeview Lane Drainage

Elaine,

Attached is a summary of a meeting I had with Mr. Keady of 47 Lakeview Lane last week to discuss the issues regarding drainage from Lakeview to Dundee Road. I had sent a request to IDOT last week to perform maintenance of the Dundee Road ditchline, but based on the aerial topography this would likely not be sufficient to affect a solution. The summary does suggest what may be the most viable solution, which would be a storm sewer on Mr. Keady's property to Heather Lake.

John, please let me know if you'd like any further information as to what I'm suggesting with that final bullet point.

Dan

--

Dan Strahan, P.E., CFM
Gewalt Hamilton Associates, Inc.
820 Lakeside Drive, Unit 5
Gurnee, IL 60031
(847)-855-1100

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271K

Don Whitaker

Subject: Lakeview Water/Drainage Issues

OVERVIEW: Lakeview Water/Drainage Issues

- 1) Water comes from the West flows east.
- 2) Some Water in 50 Lakeview ditch flows from neighbors water. This water running from north part of ditch south under 50 Lakeview Driveway then eventually down Dundee Road.

Improvements Made Already:

Route 68 from Lakeview Lane to almost Dundee Lane was dredged 3 years ago by state IDOT. They had 10 pieces of equipment some every large Excavators. They dredged the best they could there is minimal pitch. Water is flowing better after their work.

Water flows down Dundee road ditch gets within 200 feet of Dundee then water flows north to Heather Lake.

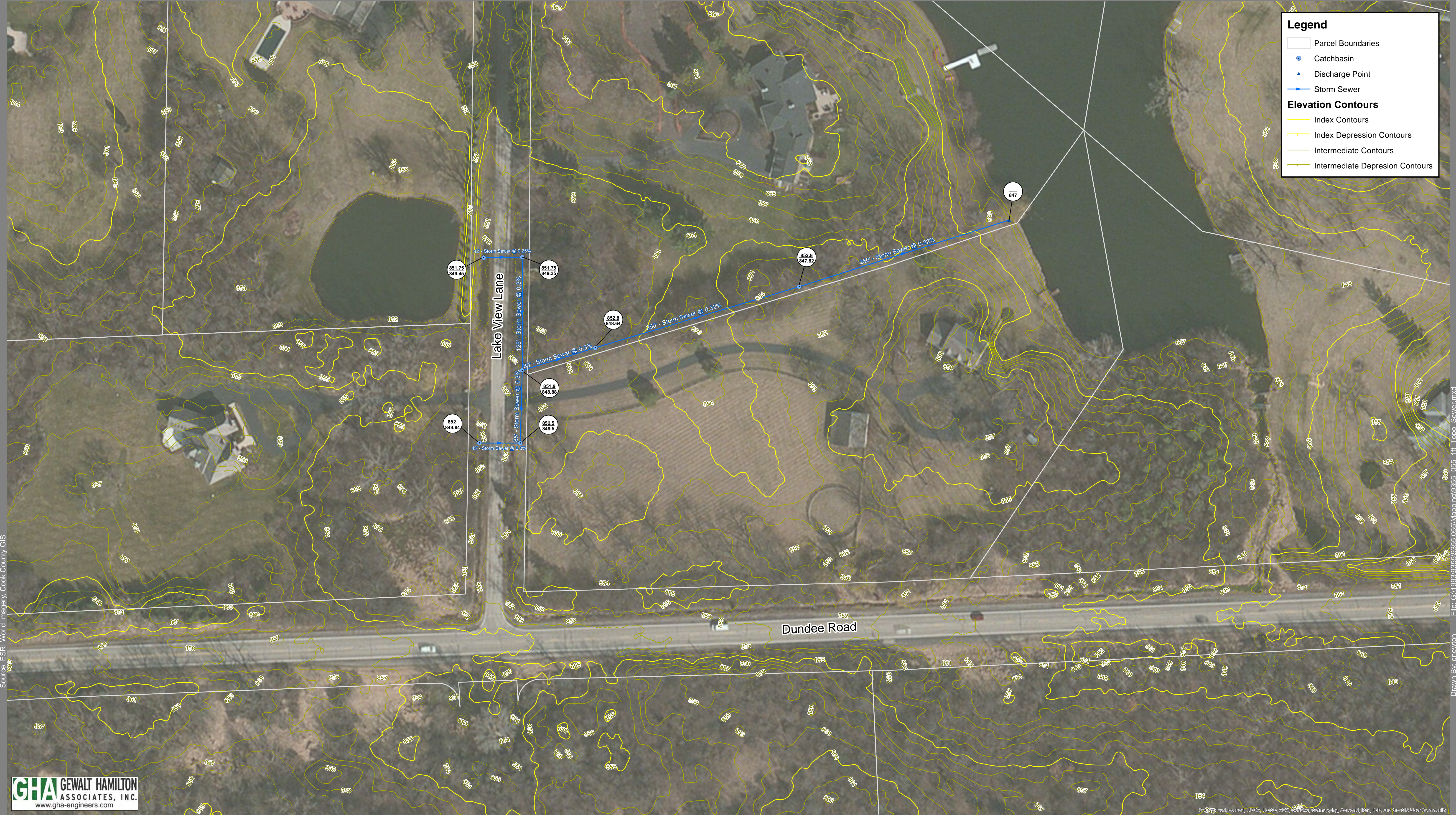
***** This run to Heather lake is almost a natural flow. This is at the back of Karen & Peter Hermes property 92 Dundee Lane.

Improvement Suggestions Needed:

***** This natural flow channel from Dundee Road to Heather Lake needs to be enlarged width and depth so to promote better flow from Dundee Road to Heather Lake especially during heavy water times.

Water coming from Thennisch ditch needs to go under the road to Keady property. (Just like the pipe under the road from Thennisch property to Schey property)

Then drainage piping on Keady property to Heather Lake. This one improvement would care 80% of the water drainage problem.



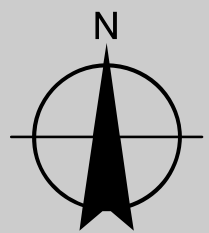
Source: ESRI World Imagery, Cook County GIS

GHA GEWALT HAMILTON
ASSOCIATES, INC.
www.gha-engineers.com

Snaggle, Earth, United, USDA, USGS, AEC, Google, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

File: G:\1993\9355\9355.055\Mapping\9355_055_11f_Topo_Sewer.mxd

Drawn By: gnewton



1 inch = 50
Feet

Storm Sewer Map

Barrington Hills, IL

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: April 18, 2016

Re: Cuba Road Bridge Replacement Project
Status Update

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

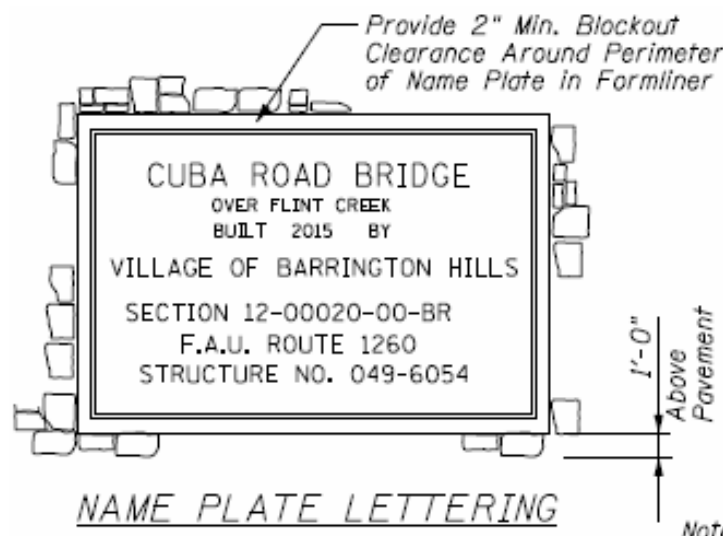
Utility Coordination


Prior to last week the project had been on hold due to the relocation of utilities since February 9, 2016. ComEd completed their work on March 2, 2016. AT&T completed their remaining relocation work on April 7, 2016. On Wednesday, April 13, Copenhagen Construction remobilized to the site and has resumed construction operations. Our office is in the process of completing the paperwork with IDOT to determine the final impact to the construction schedule caused by the additional utility work.

Due to the utility delay, GHA will be submitting to IDOT a request for a supplement to our Construction Engineering Services Agreement. Attached is the draft agreement that will be submitted to IDOT and requested to be approved by the Village after the IDOT review.

Brass Plaque

As discussed by the Roads & Bridges Committee and Village Board in March, a modification to the name of the bridge has been contemplated. For reference an image of the plaque as designed is included below for reference. The plaque as shown was fabricated in January but to date has not been installed (the year has been adjusted to 2016). Based on our discussions with the contractor the cost to fabricate a second plaque if desired would be approximately \$750.00.



Local Agency	LOCAL AGENCY	 Illinois Department of Transportation Construction Engineering Services Agreement For Federal Participation Supplement #1	Consultant
Village of Barrington Hills			Gewalt Hamilton Associates, Inc.
County			Address
Lake			625 Forest Edge Drive
Section			City
12-00020-00-BR			Vernon Hills
Project No.			State
BRM-4003(107)			IL
Job No.			Zip Code
C-91-083-13			60061
Contact Name/Phone/E-mail Address			Contact Name/Phone/E-mail Address
Robert Kosin/ 847-551-300			Dan Strahan/847-478-9700
rkosin@barringtonhills-il.gov			dstrahan@gha-engineers.com

THIS AGREEMENT is made and entered into this _____ day of _____, _____ between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the PROJECT described herein. Federal-aid funds allotted to the LA by the state of Illinois under the general supervision of the Illinois Department of Transportation (STATE) will be used entirely or in part to finance engineering services as described under AGREEMENT PROVISIONS.

WHEREVER IN THIS AGREEMENT or attached exhibits the following terms are used, they shall be interpreted to mean:

Regional Engineer	Deputy Director Division of Highways, Regional Engineer, Department of Transportation
Resident Construction Supervisor	Authorized representative of the LA in immediate charge of the engineering details of the PROJECT
In Responsible Charge	A full time LA employee authorized to administer inherently governmental PROJECT activities
Contractor	Company or Companies to which the construction contract was awarded

Project Description

Name Cuba Road Route FAU 1260 Length 0.10Mile Structure No. 049-6049

Termini Over Flint Creek

Description: Phase III Engineering for the replacement of the bridge carrying Cuba Road over Flint Creek

Agreement Provisions

I. THE ENGINEER AGREES,

1. To perform or be responsible for the performance of the engineering services for the LA, in connection with the PROJECT hereinbefore described and checked below:
 - ☒ a. Proportion concrete according to applicable STATE Bureau of Materials and Physical Research (BMPR) Quality Control/Quality Assurance (QC/QA) training documents or contract requirements and obtain samples and perform testing as noted below.
 - ☒ b. Proportion hot mix asphalt according to applicable STATE BMPR QC/QA training documents and obtain samples and perform testing as noted below.
 - ☒ c. For soils, to obtain samples and perform testing as noted below.
 - ☒ d. For aggregates, to obtain samples and perform testing as noted below.

NOTE: For 1a. through 1d. the ENGINEER is to obtain samples for testing according to the STATE BMPR "Project Procedures Guide", or as indicated in the specifications, or as attached herein by the LA; test according to the STATE BMPR "Manual of Test Procedures for Materials", submit STATE BMPR inspection reports; and verify compliance with contract specifications.

- ☒ e. Inspection of all materials when inspection is not provided at the sources by the STATE BMPR, and submit inspection reports to the LA and the STATE in accordance with the STATE BMPR "Project Procedures Guide" and the policies of the STATE.
 - ☐ f. For Quality Assurance services, provide personnel who have completed the appropriate STATE BMPR QC/QA trained technician classes.
 - ☒ g. Inspect, document and inform the LA employee In Responsible Charge of the adequacy of the establishment and maintenance of the traffic control.
 - ☒ h. Geometric control including all construction staking and construction layouts.
 - ☒ i. Quality control of the construction work in progress and the enforcement of the contract provisions in accordance with the STATE Construction Manual.
 - ☒ j. Measurement and computation of pay items.
 - ☒ k. Maintain a daily record of the contractor's activities throughout construction including sufficient information to permit verification of the nature and cost of changes in plans and authorized extra work.
 - ☒ l. Preparation and submission to the LA by the required form and number of copies, all partial and final payment estimates, change orders, records, documentation and reports required by the LA and the STATE.
 - ☒ m. Revision of contract drawings to reflect as built conditions.
 - ☒ n. Act as resident construction supervisor and coordinate with the LA employee In Responsible Charge.
2. Engineering services shall include all equipment, instruments, supplies, transportation and personnel required to perform the duties of the ENGINEER in connection with the AGREEMENT.
 3. To furnish the services as required herein within twenty-four hours of notification by the LA employee In Responsible Charge.
 4. To attend meetings and visit the site of the work at any reasonable time when requested to do so by representatives of the LA or STATE.
 5. That none of the services to be furnished by the ENGINEER shall be sublet, assigned or transferred to any other party or parties without the written consent of the LA. The consent to sublet, assign or otherwise transfer any portion of the services to be furnished by the ENGINEER shall not be construed to relieve the ENGINEER of any responsibility for the fulfillment of this AGREEMENT.
 6. The ENGINEER shall submit invoices, based on the ENGINEER's progress reports, to the LA employee In Responsible Charge, no more than once a month for partial payment on account for the ENGINEER's work completed to date. Such invoices shall represent the value, to the LA of the partially completed work, based on the sum of the actual costs incurred, plus a percentage (equal to the percentage of the construction engineering completed) of the fixed fee for the fully completed work.
 7. That the ENGINEER is qualified technically and is entirely conversant with the design standards and policies applicable to improvement of the SECTION; and that the ENGINEER has sufficient properly trained, organized and experienced personnel to perform the services enumerated herein.
 8. That the ENGINEER shall be responsible for the accuracy of the ENGINEER's work and correction of any errors, omissions or ambiguities due to the ENGINEER'S negligence which may occur either during prosecution or after acceptance by the LA. Should any damage to persons or property result from the ENGINEER's error, omission or negligent act, the ENGINEER shall indemnify the LA, the STATE and their employees from all accrued claims or liability and assume all restitution and repair costs arising from such negligence. The ENGINEER shall give immediate attention to any remedial changes so there will be minimal delay to the contractor and prepare such data as necessary to effectuate corrections, in consultation with and without further compensation from the LA.
 9. That the ENGINEER will comply with applicable federal statutes, state of Illinois statutes, and local laws or ordinances of the LA.
 10. The undersigned certifies neither the ENGINEER nor I have:
 - a) employed or retained for commission, percentage, brokerage, contingent fee or other considerations, any firm or person (other than a bona fide employee working solely for me or the above ENGINEER) to solicit or secure this AGREEMENT;

- b) agreed, as an express or implied condition for obtaining this AGREEMENT, to employ or retain the services of any firm or person in connection with carrying out the AGREEMENT or
 - c) paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for me or the above ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the AGREEMENT.
 - d) are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
 - e) have not within a three-year period preceding the AGREEMENT been convicted of or had a civil judgment rendered against them for commission of fraud or criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
 - f) are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (e) of this certification; and
 - g) have not within a three-year period preceding this AGREEMENT had one or more public transactions (Federal, State or local) terminated for cause or default.
11. To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LA.
 12. To submit all invoices to the LA within one year of the completion of the work called for in this AGREEMENT or any subsequent Amendment or Supplement.
 13. To submit BLR 05613, Engineering Payment Report, to the STATE upon completion of the work called for in the AGREEMENT.
 14. To be prequalified with the STATE in Construction Inspection when the ENGINEER or the ENGINEER's assigned staff is named as resident construction supervisor. The onsite resident construction supervisor shall have a valid Documentation of Contract Quantities certification.
 15. Will provide, as required, project inspectors that have a valid Documentation of Contract Quantities certification.

II. THE LA AGREES,

1. To furnish a full time LA employee to be In Responsible Charge authorized to administer inherently governmental PROJECT activities.
2. To furnish the necessary plans and specifications.
3. To notify the ENGINEER at least 24 hours in advance of the need for personnel or services.
4. To pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT, on the basis of the following compensation formulas:

Cost Plus Fixed Fee Formulas

- ☒ $FF = 14.5\%[DL + R(DL) + OH(DL) + IHDC]$, or
☐ $FF = 14.5\%[(2.3 + R)DL + IHDC]$

Where: DL = Direct Labor
 IHDC = In House Direct Costs
 OH = Consultant Firm's Actual Overhead Factor
 R = Complexity Factor
 FF=Fixed Fee
 SBO = Services by Others

Total Compensation = DL +IHDC+OH+FF+SBO

Specific Rate

☐ (Pay per element)

Lump Sum

☐ _____

5. To pay the ENGINEER using one of the following methods as required by 49 CFR part 26 and 605 ILCS 5/5-409:

☐ With Retainage

- a) **For the first 50% of completed work**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to 90% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- b) **After 50% of the work is completed**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments covering work performed shall be due and payable to the ENGINEER, such payments to be equal to 95% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- c) **Final Payment** – Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and the STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

☒ Without Retainage

- a) **For progressive payments** – Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- b) **Final Payment** – Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

6. The recipient shall not discriminate on the basis on the basis of race, color, national origin or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as violation of this agreement. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31U.S.C. 3801 et seq.).

7. To submit approved form BC 775 (Exhibit C) and BC 776 (Exhibit D) with this AGREEMENT.

III. It is Mutually Agreed,

- 1. That the ENGINEER and the ENGINEER's subcontractors will maintain all books, documents, papers, accounting records and other evidence pertaining to cost incurred and to make such materials available at their respective offices at all reasonable times during the AGREEMENT period and for three years from the date of final payment under this AGREEMENT, for inspection by the STATE, Federal Highway Administration or any authorized representatives of the federal government and copies thereof shall be furnished if requested.
- 2. That all services are to be furnished as required by construction progress and as determined by the LA employee In Responsible Charge. The ENGINEER shall complete all services specified herein within a time considered reasonable to the LA, after the CONTRACTOR has completed the construction contract.
- 3. That all field notes, test records and reports shall be turned over to and become the property of the LA and that during the performance of the engineering services herein provided for, the ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in the ENGINEER's possession and any such loss or damage shall be restored at the ENGINEER's expense.
- 4. That this AGREEMENT may be terminated by the LA upon written notice to the ENGINEER, at the ENGINEER's last known address, with the understanding that should the AGREEMENT be terminated by the LA, the ENGINEER shall be paid for any services completed and any services partially completed. The percentage of the total services which have been rendered by the ENGINEER shall be mutually agreed by the parties hereto. The fixed fee stipulated in numbered paragraph 4d of Section II shall be multiplied by this percentage and added to the ENGINEER's actual costs to obtain the earned value of work performed. All field notes, test records and reports completed or partially completed at the time of termination shall become the property of, and be delivered to, the LA.
- 5. That any differences between the ENGINEER and the LA concerning the interpretation of the provisions of this AGREEMENT shall be referred to a committee of disinterested parties consisting of one member appointed by the ENGINEER, one member appointed by the LA, and a third member appointed by the two other members for disposition and that the committee's decision shall be final.
- 6. That in the event the engineering and inspection services to be furnished and performed by the LA (including personnel furnished by the ENGINEER) shall, in the opinion of the STATE be incompetent or inadequate, the STATE shall have the right to supplement the engineering and inspection force or to replace the engineers or inspectors employed on such work at the expense of the LA.

7. That the ENGINEER has not been retained or compensated to provide design and construction review services relating to the contractor's safety precautions, except as provided in numbered paragraph 1f of Section I.
8. This certification is required by the Drug Free Workplace Act (30ILCS 580). The Drug Free Workplace Act requires that no grantee or contractor shall receive a grant or be considered for the purpose of being awarded a contract for the procurement of any property or service from the State unless that grantee or contractor will provide a drug free workplace. False certification or violation of the certification may result in sanctions including, but not limited to, suspension of contract or grant payments, termination of a contract or grant and debarment of contracting or grant opportunities with the State for at least one (1) year but no more than five (5) years.

For the purpose of this certification, "grantee" or "contractor" means a corporation, partnership or other entity with twenty-five (25) or more employees at the time of issuing the grant, or a department, division or other unit thereof, directly responsible for the specific performance under a contract or grant of \$5,000 or more from the State, as defined in the Act.

The contractor/grantee certifies and agrees that it will provide a drug free workplace by:

- (a) Publishing a statement:
 - (1) Notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance, including cannabis, is prohibited in the grantee's or contractor's workplace.
 - (2) Specifying the actions that will be taken against employees for violations of such prohibition.
 - (3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:
 - (A) abide by the terms of the statement; and
 - (B) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.
 - (b) Establishing a drug free awareness program to inform employees about:
 - (1) the dangers of drug abuse in the workplace;
 - (2) the grantee's or contractor's policy of maintaining a drug free workplace;
 - (3) any available drug counseling, rehabilitation and employee assistance program; and
 - (4) the penalties that may be imposed upon an employee for drug violations.
 - (c) Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
 - (d) Notifying the contracting or granting agency within ten (10) days after receiving notice under part (B) of paragraph (3) of subsection (a) above from an employee or otherwise receiving actual notice of such conviction.
 - (e) Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by, any employee who is convicted, as required by section S of the Drug Free Workplace Act.
 - (f) Assisting employees in selecting a course of action in the event drug counseling, treatment and rehabilitation is required and indicating that a trained referral team is in place.
 - (g) Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.
9. The ENGINEER or subconsultant shall not discriminate on the basis of race, color, national origin or sex in the performance of this AGREEMENT. The ENGINEER shall carry out applicable requirements of 49 CFR part 26 in the administration of DOT-assisted contracts. Failure by the ENGINEER to carry out these requirements is a material breach of this AGREEMENT, which may result in the termination this AGREEMENT or such other remedy as the LA deems appropriate.

Agreement Summary

Prime Consultant:	TIN Number	Agreement Amount
Gewalt Hamilton Associates	36-3426053	\$30,746.74
Sub-Consultants:	TIN Number	Agreement Amount
Sub-Consultant Total:		\$0.00
Prime Consultant Total:		\$30,764.74
Total for all Work:		\$30,764.74

Executed by the LA:

Village of Barrington Hills

(Municipality/Township/County)

ATTEST:

By: _____

By: _____

Clerk

Title: _____

(SEAL)

Executed by the ENGINEER:

ATTEST:

By: _____

By: _____

Title: _____

Title: _____

AVERAGE HOURLY PROJECT RATES

FIRM

Gewalt Hamilton Associates

PTB

DATE 04/18/16

PRIME/SUPPLEMENT

Prime

SHEET 1 OF 5

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			Project Coordination & Document Control			Construction Observation & Inspection											
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Principal Engineer	64.08	0																	
Senior Engineer	49.65	20	6.67%	3.31	10	11.11%	5.52	10	4.76%	2.36									
Sr. Environmental Consultant	40.00	0																	
Professional Engineer	35.25	0																	
Registered Land Surveyor	43.63	0																	
Staff Engineer	24.50	0																	
Environmental Consultant	26.00	0																	
Sr. Engineering Tech	32.19	280	93.33%	30.04	80	88.89%	28.61	200	95.24%	30.66									
Engineering Tech II	24.50	0																	
Engineering Tech I	16.82	0																	
Engineer Tech Intern	14.13	0																	
Clerical/Administrative	23.88	0																	
		0																	
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TOTALS		300	100%	\$33.35	90	100%	\$34.13	210	100%	\$33.02	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00

DATE

DBE

MEMORANDUM

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

625 Forest Edge Drive, Vernon Hills, IL 60061

TEL 847.478.9700 ■ FAX 847.478.9701

www.gha-engineers.com

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

Date: April 18, 2016

Re: Village of Algonquin
Highland Avenue/Spring Creek Road Project

On January 12, 2016 the Village of Algonquin approved a resolution to execute an IGA with the Village of Barrington Hills for certain roadway improvements to Spring Creek Road/Highland Avenue. The Village of Barrington Hills approved the IGA at the January board meeting and the project has since been bid, appearing on the March 4, 2016 IDOT letting.

Berger Excavating was the low bidder at \$1,947,030.62. The final construction cost estimate, which was utilized to calculate the anticipated funding split in the IGA, was approximately \$3.2 million. Based on the low bid cost, the Village portion of the construction costs is anticipated to be reduced from \$58,830 as estimated in the IGA to approximately \$35,800.00; the final costs will be dependent upon the as-constructed quantities in the project.

A pre-construction meeting is anticipated in the near future and we will keep the Village informed as the project progresses.

MEMORANDUM

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

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

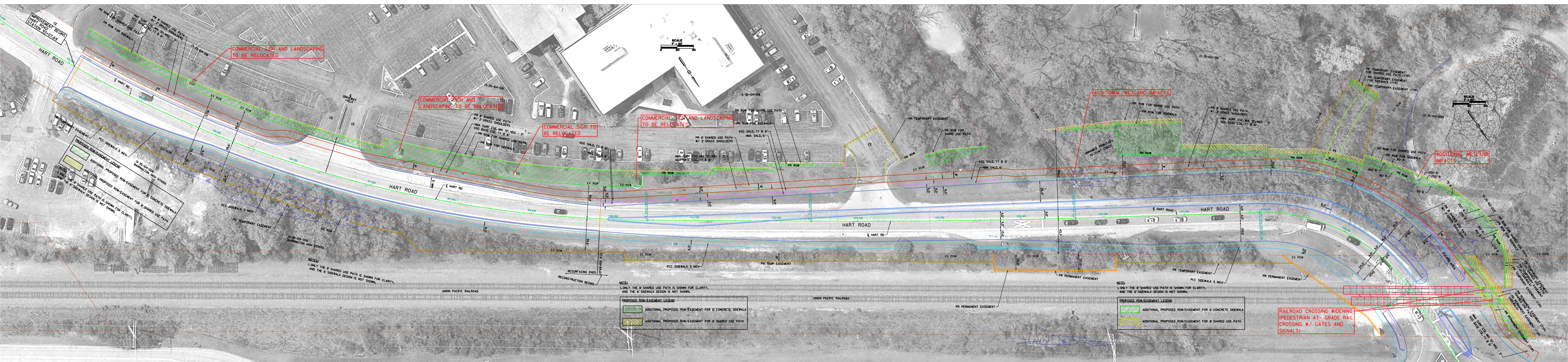
Date: April 18, 2016

Re: Lake County DOT
US 14/Hart Road Intersection Improvements

Over the last several years the Roads & Bridges Committee has been tracking the progress of proposed improvements at the intersection of US 14 and Hart Road. The Village of Barrington initially led the Phase One preliminary engineering process. After the project received Phase One approval, the Lake County DOT undertook the Phase Two engineering process to prepare construction documents. In March 2015 the Village was contacted by Lake County DOT noting that a path had been proposed to be added to the south side of Hart Road within the project area which would be maintained by the Village of Barrington.

One of the reasons the Village has been tracking the project is that it includes the acquisition of right-of-way from certain properties within Barrington Hills. In October of 2012 the Roads & Bridges Committee met with two property owners to make sure they were notified of the project and inform them generally of what they should expect during the land acquisition process. One of the affected property owners contacted our office recently noting that she had been contacted by a representative of the County with an offer for the required right-of-way.

A copy of the current plan set has been requested from Lake County DOT and is expected to be available for review at the Roads & Bridges Committee meeting. Attached is a copy of the preliminary plan from the Phase One process.



MEMORANDUM

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

625 Forest Edge Drive, Vernon Hills, IL 60061

TEL 847.478.9700 ■ FAX 847.478.9701

www.gha-engineers.com

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

Date: April 18, 2016

Re: Helm Road Drainage

Last week the Village was notified of ponding water nearing the south edge of pavement on Helm Road near Sioux Avenue. After investigation, it was discovered that there was a clogged drainage structure on the south side of the road causing this ponding. Village staff directed R&J Tree Service to the site to remove the obstruction and allow for water to flow into the Village of Carpentersville storm sewer system as designed.



The remaining pipe that drained stormwater from the structure in the photo is a clay pipe that will be considered for replacement as part of the 2016 Road Program.

PUBLIC COMMENTS

Public Comments are submitted by the public and are not reviewed or endorsed by the Village.

Give to
Anna

CUBA ROAD BRIDGE PLAQUE

From: Linda H. Cools/HEC

ATT: Brian Cecola, Trustee Roads/Bridges

Brian,

Here are a few thoughts and suggestions I had for the Cuba road bridge inscription plaque.

Crest or Eagle w/following inscription options:

Honoring our brave soldiers on this date ..

In tribute of their loyal service and sacrifice....

Remembering our nation's heroes on this date...

In memory of those who served with honor and distinction...

In memoriam of those who gave the ultimate sacrifice..their lives.

With honor and glory to all named here...

Dedicated to all who faithfully served our nation...

In solemn remembrance of their loyal service...

Commemorating these unsung heroes on this date....

Distinguished recognition and humble appreciation to all.....

A grateful community remembers those who have served..

To the preservers and defenders of our freedom...

`This site remembers our fallen heroes...