

# Thursday, June 22, 2017 ~ 4:00 pm 112 Algonquin Road

#### **AGENDA**

- 1. Call to Order & Roll Call
- 2. Public Comments
- 3. [Vote] Minutes May 18, 2017
- 4. Discussion Items
  - 4.1 Round Barn Drainage Update
  - 4.2 Road Program 2017
  - 4.3 IL 62 Pavement Markings
  - 4.4 IDOT- IL 25 Resurfacing Project
  - 4.5 Roadside Mowing Update
  - 4.6 <u>2017 Culvert Inventory Report</u>
- 5. Engineering Firm Presentations & Questions
- 6. Adjournment

Chairman: Brian Cecola

**NOTICE AS POSTED** 



# **ROADS & BRIDGES COMMITTEE**

# **Meeting Minutes**

112 Algonquin Road, Barrington Hills

Monday, May 18, 2017 | 4:00 pm

Committee Members Present: Trustee Brian Cecola, Chair

Trustee Michelle Nagy Maison, Co-Chair Robert Kosin, Village Administrator Dan Strahan, Village Engineer

Others Present: TJ Podgorski, Cuba Township Highway Commissioner

Dan Sheldon, Resident

**1. ORGANIZATIONAL:** The meeting of the Village of Barrington Hills Roads & Bridges Committee was called to order by Chairman Cecola at 4:02 PM.

**2. PUBLIC COMMENTS:** Dan Sheldon noted that Hickory Hills Park, adjacent to Autumn Trail and owned by the Dundee Township Park District, would be impacted by the Longmeadow Parkway project. He requested that the Village support the argument that the Village would lose some of the value of the park if land was lost due to the Longmeadow Park project.

**3.** APPROVAL OF MINUTES: The minutes of the Roads & Bridges Committee Meeting of April 20, 2017 were approved as written.

#### CUBA TOWNSHIP HIGHWAY DEPARTMENT

TJ Podgorski introduced himself as the newly elected Highway Commissioner for Cuba Township and noted his previous experience at other positions for the Highway Department. Mr. Podgorski noted that the current Inter Governmental Agreement between the Township and the Village of Barrington Hills for snow plowing services has expired and he expressed an interest in renewing for a four-year term. Chairman Cecola noted that he would work with Mr. Kosin to review the terms of the IGA. Mr. Podgorski also noted various other roadway maintenance services the Township could provide that could be included in the IGA. Mr. Kosin noted the timing of the Village's fiscal year and in response to questions from Trustee Maison regarding tree maintenance, reviewed prescriptive easement issues pertaining to tree trimming along Village roadways.

# 4.1 2017 ROAD PROGRAM - BID REVIEW

Mr. Strahan provided an overview of the bids received for the 2017 Road Program, noting that seven bids had been received and the low bid was from Lorig Construction in the amount of \$770,881.54. Mr. Strahan noted that this was below the budgeted amount for Road Maintenance Contracts, which was \$960,000. Mr. Strahan noted that two minor additions to the contract had been identified previously, including provision of a driveway apron for a Village owned property on IL Rte. 25, as well as drainage improvements on Hills N' Dales Road. Mr. Strahan noted that if the Village desired to use the full budget amount for resurfacing to take advantage of low bid process, he recommended resurfacing Hickory Lane and a portion of Merri Oaks Road. Chairman Cecola noted that we have been able to catch up on resurfacing over the last couple of years. Mr. Strahan noted that he would update the bid recommendation letter and board summary information for review of the Village Board at the May 23, 2017 meeting. Chairman Cecola noted rumors that a strike may affect work on June 1. Mr. Strahan noted a

similar situation had occurred on a previous Village Road Project several years ago, but noted that he did not anticipate work would begin by June 1.

# 4.2 IL 25 VILLAGE PROPERTY ACCESS REVIEW

Mr. Strahan noted that a permit application had been submitted to IDOT to install a minimal driveway apron to the Village property on IL 25. Mr. Kosin noted various public uses occurring and planned to occur within the parcel.

### 4.3 VILLAGE OF ALGONQUIN - GLENMOOR SUBDIVISION RESURFACING

Mr. Strahan noted that the Village of Algonquin is resurfacing Glenmoor Subdivision, and a small portion of the work is located within the Haegers Bend right-of-way.

# 4.4 2017 CULVERT INVENTORY- PROGRESS REPORT

Mr. Strahan provided an update, noting the Village's shift from hard copy storm sewer/culvert atlas to an interactive GIS application to show culvert locations. Final data analysis of the 227 roadway culverts inventoried within the Village is in progress. Mr. Kosin discussed the Village's history of using RCP culverts for long term durability.

# 4.5 LONGMEADOW PARKWAY PROJECT UPDATE

Mr. Kosin reviewed the status of various litigation pertaining to the Longmeadow Parkway corridor project.

**5. ADJOURNMENT:** The meeting was adjourned at 4:57 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: June 14, 2017

Re: Round Barn Drainage Review 625 Forest Edge Drive, Vernon Hills, IL 60061 Tel 847.478.9700 Fax 847.478.9701 www.gha-engineers.com

At the April Roads & Bridges Committee meeting, discussion was held regarding a drainage complaint received from a family member of the property owner at 67 Round Barn Road. In particular, a video had been submitted and was reviewed at the meeting which documented the ditch drainage from the north/west side of Round Barn Road flowing through a 24" RCP culvert from west to east, then flowing within the roadside ditches south before leaving the right-of-way and flowing in a southeasterly direction towards Hawley Lake. Approximately 6.5 acres north of Round Barn drain down to the roadway culvert. 70 ROUND BARN RD



#### Site Meeting

On Tuesday, June 6, 2017, Bob Kosin and I met at the site with Melanie Medici, the daughter of the current property owner, to review the existing conditions and her observations of the stormwater conditions. The following items were of note:

On the north side of Round Barn Road, there is small (~4") plastic drain pipe that outlets into the right-of-way from the property at 70 Round Barn Road. The video provided previously indicated that during storm events a steady flow of water discharges from this pipe into the ditchline.

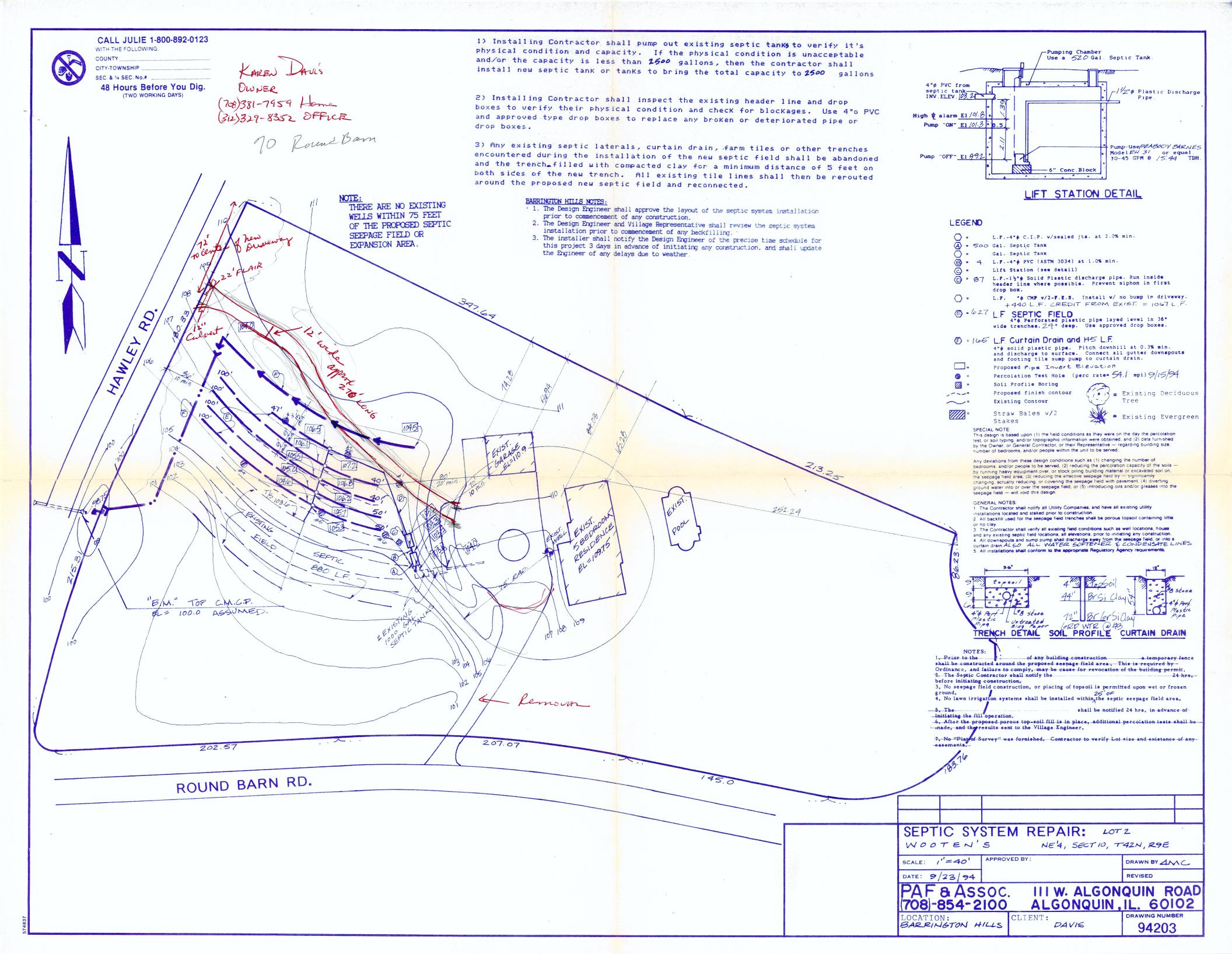
- The ditch side slopes adjacent to the existing roadway culvert are fairly steep and appear to have been subject to erosion during storm events.
- Downstream of the roadway culvert, an area has been excavated out along the frontage of 65 Round Barn, directing water to a low point along the north property line of 67 Round Barn. This area may have been excavated to alleviate standing water in the upstream ditch.
- Runoff flows from the ditchline to a swale through the middle of 67 Round Barn Road and
  ultimate to the east into Hawley Lake. Per Ms. Medici, the lawn area between the roadside ditch
  and the swale through the yard has been saturated so frequently that the lawn service has been
  unable to maintain it.
- Within the west-to-east drainage swale running through 67 Round Barn, a broken drain tile was
  observed that had resulted in standing water in a few areas along the length of the swale. Based
  on the location of the drain tile and the observation by Ms. Medici that runoff did not previously
  overtop the ditches, it is possible that there is a drain tile that previously drained the roadside
  ditches and routed water underground to the 67 Round Barn swale.

#### **Action Items & Next Steps**

Based on historical aerial topography, there do not appear to have been any significant changes/development in the upstream area over the last ten years that would significantly alter the volume of runoff arriving at the Round Barn Road culvert. However, further investigation of the drainage pipe is warranted to determine if that may be directing water more efficiently towards the roadway. There is an existing pond west of the house at 70 Round Barn Road which has been in place for at least twenty years. A review of available files for 70 Round Barn Road located a 1994 septic repair that shows the addition of a driveway to Hawley Woods Road, but the plan stops short of the pond area and so does not show any pipes in this area. Our office will follow up with the property owner to determine if the drain pipe was recently modified and investigate whether it is feasible to modify the pipe to reduce the rate of runoff to the roadside ditches.

Further investigation is also warranted to determine the extent of drain tiles on the property at 67 Round Barn Lane. If the existing drain tile extends north towards the roadway, it may be feasible to repair or replace the drain tile to restore the previous drainage patterns. Our office will coordinate with Huddleston McBride to request a proposal to locate drain tiles on 67 Round Barn Road and within the adjacent right-of-way.

Within the Hawley Road right-of-way, at a minimum ditch maintenance will be required to restore the excavated area along the south side of the road which is eroding. Further maintenance was also discussed on the north side of the road to reduce the velocity of water entering the culvert and improve the ditch slopes in the area of the culvert. The scope of this work will be finalized pending results of the drain tile survey.



LOCAL: Barrington Hills

June 9, 2017

The Honorable Martin J. McLaughlin Village President Village of Barrington Hills 112 Algonquin Road Barrington Hills, IL 60010

Dear Village President McLaughlin:

The attached summary sheet indicates where stop bars and crosswalks need to be repainted. Your agency is responsible for the painting of crosswalks and stop bars. This letter will serve as authorization to allow your agency to mark all crosswalks and stop bars, if applicable, across State routes at the listed designated crossings. These markings should be in accordance with the Manual On Uniform Traffic Control Devices. Where applicable, the stop bar should be installed 4' in advance of and parallel to the nearest crosswalk. Proper temporary traffic control and signing in accordance with Standards 701501, 701606, and 701701 should be in effect while performing this work.

The fabrication, erection, and maintenance of all signing on State routes are the responsibility of this Department. We have reviewed all such signing related to the subject crossing. If there are questions concerning the signing at the designated crossings or if there are any designated crossings that are not listed on the attached summary sheet, please contact our Pedestrian Safety Engineer, Mr. Jim Stoner, at 847-705-4152.

Thank you for your assistance in assuring pedestrian safety. If you have any questions regarding this matter, please contact Mr. Stoner.

Very truly yours,

Anthony J. Quigley, P.E. Region One Engineer

Hussain Mesyef, P.E.

Traffic Operations Engineer

Attachments

# **VILLAGE OF BARRINGTON HILLS**

**EXISTING SCHOOL 20 ZONE NO CROSSINGS** 

CROSSWALKS

STOP BARS

**OTHER** 

Lake-Cook Rd. between Brinker and Donlea (Flashers)

N/A

N/A

(trim trees)

**EXISTING EQUESTRIAN** 

**CROSSINGS** 

**CROSSWALKS** 

**STOP BARS** 

OTHER

IL 62 e/o Bateman Rd.

Repaint

N/A

IL 62 1 mile w/o Sutton Rd.

Repaint

N/A

<sup>\*</sup>Village responsible to straighten EB and WB "SSL20 when Flashing" Posts and replace signs.



# **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: June 15, 2017

Re: IDOT- IL 25 Resurfacing Project

625 Forest Edge Drive, Vernon Hills, IL 60061

Tel 847.478.9700 Fax 847.478.9701

www.gha-engineers.com

On April 28, 2017 the Illinois Department of Transportation received three bids for the resurfacing of IL 25 between IL 72 and Boltz Road. The low bid was submitted by Plote Construction, Inc. in the amount of \$1,765,602.28.

Pricing for asphalt was comparable between the Village of Barrington Hills 2017 Road Program and the IL 25 resurfacing project. Below is a table that summarizes the unit prices submitted by the low bidder for each project:

	Village of Barrington Hills	IDOT	
	2017 Road Program	IL 25 Resurfacing Project	
Quantity Description	HMA Surface Course, Mix D, N50	HMA Surface Course, Mix D, N70	
Tonnage	4,955 TN	8,391 TN	
Unit Price	\$54/TN	\$50/TN	
Quantity Description	HMA Binder Course, IL 19.0, N50	Polymerized Leveling Binder, Machine Method, IL 4.75, N50	
Tonnage	2,158 TN	4,196 TN	
Unit Price	\$49/TN	\$55/TN	

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1100 Brandt Drive
    Hoffman Estates, IL 60192
                                    1,296,238.50
5378 Schroeder Asphalt Services, Inc.
    11022 Grant Hwy.
    Marengo, IL 60152
P.O. Box 831
    Huntley, IL 60142
*****************
015
     CONTRACT: 62C93 DISTRICT: 01 COUNTY: COOK
    KEY RT: FAP 339
                                       MARKED RT: IL 62
    SECTION: 116Y(1&2)R-RS-6
                                                     EST: (YES)
    PROJECT: NHPP-0339/035/000
    NBR FOR BID PROPOSALS ISSUED:
                                     5 NBR FOR BID PROPOSALS RECEIVED:
                                                                          3
Resurfacing and pedestrian ramps on IL 62 from E/O Roselle Road to IL 58 in the
Villages of Arlington Heights, Palatine and Schaumburg and the City of Rolling
Meadows.
                                                                LOW
                                                                       DEV
                                      AS READ BID CORRECTED BID BIDR
                                                                       PCT
0231 Arrow Road Construction Co.
    3401 S. Busse Road
    Mt. Prospect, IL 60056-0334
    P.O. Box 334
    Mt. Prospect, IL 60056-0334
                                    2,696,565.15
1560 R. W. Dunteman Company
    600 S. Lombard Road
    Addison, IL 60101
    P.O. Box 1129
    Addison, IL 60101-1129
                                    2,597,909.13
3020 J. A. Johnson Paving Company
1025 East Addison Court
    Arlington Heights, IL 60005
3505 Lorig Construction Company
    250 East Touhy Ave.
    Des Plaines, IL 60018
4813 Plote Construction, Inc.
    1100 Brandt Drive
    Hoffman Estates, IL 60192
                                    2,485,336.11
***********************
016 CONTRACT: 62C99 DISTRICT: 01 COUNTY: KANE
    KEY RT: FAP 360
                                       MARKED RT: IL 25
    SECTION: 93RS-2
PROJECT: NHPP-0360/015/000
                                                     EST: (YES)
    NBR FOR BID PROPOSALS ISSUED: 4 NBR FOR BID PROPOSALS RECEIVED: 3
Resurfacing and pedestrian ramps (ADA) on IL 25 from IL 72 to Bolz Road in the
villages of East Dundee, Barrington Hills and Carpentersville.
                                                                I OW
                                                                       DFV
                                      AS READ BID CORRECTED BID BIDR
                                     Page 11
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4813 Plote Construction, Inc.

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0231 Arrow Road Construction Co.
     3401 S. Busse Road
     Mt. Prospect, IL 60056-0334
     P.O. Box 334
     Mt. Prospect, IL 60056-0334
                                     1,915,695.05
3505 Lorig Construction Company
     250 East Touhy Ave.
     Des Plaines, IL 60018
                                     1,773,201.22
4813 Plote Construction, Inc.
     1100 Brandt Drive
     Hoffman Estates, IL 60192
                                     1,765,602.28
5378 Schroeder Asphalt Services, Inc.
     11022 Grant Hwy.
     Marengo, IL 60152
P.O. Box 831
     Huntley, IL 60142
*************************
     CONTRACT: 62D01 DISTRICT: 01 COUNTY: MCHENRY
     KEY RT: FAP 336
                                        MARKED RT: IL 31
     SECTION: 112RS-1
                                                      EST: (YES)
     PROJECT: NHPP-0336/052/000
     NBR FOR BID PROPOSALS ISSUED:
                                     7 NBR FOR BID PROPOSALS RECEIVED:
Pavement resurfacing and pedestrian ramps (ADA) on IL 31 from Park Place to
IL 120 in the City of McHenry.
                                                                  LOW
                                                                         DEV
                                       AS READ BID CORRECTED BID BIDR
0103 Alliance Contractors, Inc.
     1166 Lake Avenue
     Woodstock, IL 60098
0231 Arrow Road Construction Co.
     3401 S. Busse Road
     Mt. Prospect, IL 60056-0334
     P.O. Box 334
     Mt. Prospect, IL 60056-0334
0280 Peter Baker & Son Co.
1349 Rockland Road
Lake Bluff, IL 60044-0187
     P.O. Box 187
     Lake Bluff, IL 60044-0187
                                 784,116.63 *
1305 Curran Contracting Company
     286 Memorial Court
Crystal Lake, IL 60014
                                        921,453.05
3505 Lorig Construction Company
     250 East Touhy Ave.
     Des Plaines, IL 60018
                                       803,744.24
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04-28-2017 LETTING ITEM 016

STATE OF ILLINOIS

**DEPARTMENT OF TRANSPORTATION** 

D-91-417-16

93RS-2

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN

THE VILLAGE OF EAST DUNDEE THE VILLAGE OF CARPENTERSVILLE

THE VILLAGE OF BARRINGTON HILLS

22,800

2015 ADT;

POSTED SPEED: 25-45 MPH

0

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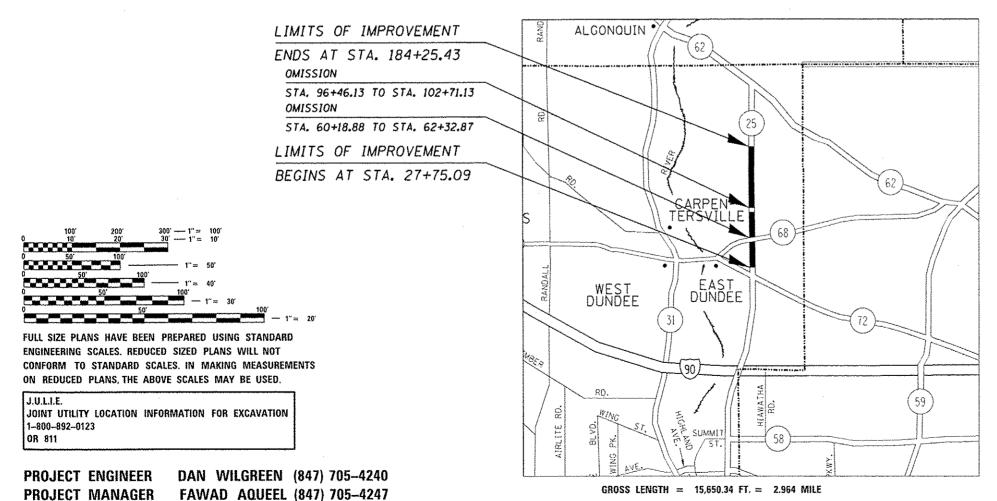
 $\circ$ 

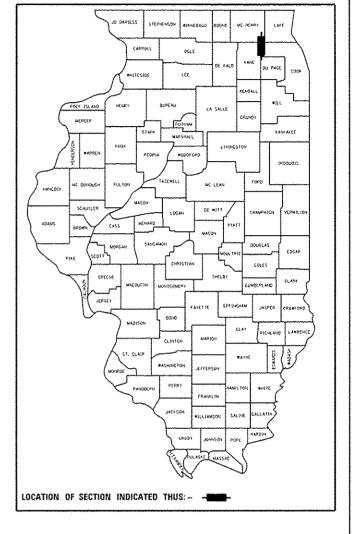
# **PROPOSED** HIGHWAY PLANS

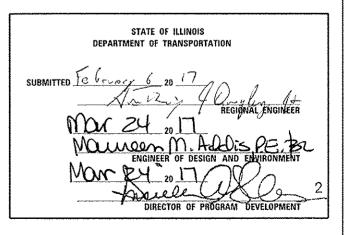
F.A.P. ROUTE 360 (IL 25) SECTION 93RS-2 IL 72 TO BOLZ ROAD PROJECT NHPP-0360 (015) RESURFACING (3P), PEDESTRIAN RAMPS (ADA) KANE COUNTY

C-91-417-16

NET LENGTH = 14.811.35 FT. = 2.805 MILE







PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 62C99



# **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: June 15, 2017

Re: 2017 Roadside Mowing Update

625 Forest Edge Drive, Vernon Hills, IL 60061

Tel 847.478.9700 Fax 847.478.9701

www.gha-engineers.com

Horcher Brothers Enterprises, Inc. has been retained to complete the 2017 Roadside Mowing. The scope of work is to mow the roadside grass on approximately 22 miles of Village roads, to include the following: Old Hart Road, Oak Knoll Road, Merri Oaks Road, Cuba Road, Ridge Road, Steeplechase Road, Plum Tree Road, Spring Creek Road, Meadow Hill Road, Hills and Dales Road, Old Dundee Road, Hawley Woods Road, Healy Road, Helm Road, Haeger's Bend Road, Chapel Road, and Church Road. Roadways that are not included in the program are generally those with lower traffic volumes that either don't have roadside grass along the edges (such as where wooded areas adjoin the roadway) or where the roadside grass is maintained by the property owners.

The initial mowing will occur with the next few weeks. A second mowing, if necessary, is typically scheduled around Labor Day.

# **2017 Culvert Inventory Report**

# **Village of Barrington Hills**

GHA Job Number 9355.152



# Prepared by:

Gewalt Hamilton Associates, Inc. 625 Forest Edge Dr. Vernon Hills, IL 60061

Tel. (847) 478-9700 Fax: (847) 478-9701

DATED: June 2017

#### INTRODUCTION

The following report summarizes the results of a comprehensive review of the condition of existing roadway culverts within the Village of Barrington Hills. Field work was completed during February and March of 2017, with analysis and review of the results completed in May and June of 2017. The culvert inventory report was completed in order to better assist the Village in organizing culvert maintenance and replacement operations.

A previous culvert inventory was completed in 2010, which resulted in preparation of a bound culvert/storm sewer atlas utilized by Village staff. Since 2010, the paper atlas has migrated to a an interactive GIS webmap application, which allows Village staff and others to view culver locations alongside other GIS data such as parcel boundaries, aerial photographs, topography, floodplains, etc. As a result the primary work produce associated with this effort is an updated GIS layer that will be integrated with the previous culvert and storm sewer data. The purpose of this report is to provide a summary of our findings with regard to the conditions of roadway culverts on Village maintained roads within the Village of Barrington Hills.



Spring Creek Crossing at Rock Ridge Road

#### STATISTICAL DATA

A total of 227 roadway culverts were inspected as part of the culvert inventory. For each culvert, observations were made and an inspection report was generated for each visible end of the culvert. Physical features such as material type, diameter, depth below the roadway, and location were noted and a GPS data point was generated. In addition, field personnel assessed the level of deterioration as well as the amount of sediment in and around the pipe.

### Material Type

Generally the material types present within the Village are corrugated metal pipes (CMP) or reinforced concrete pipes. Since 2002 the Village has adopted the standard of utilizing only RCP for new or replacement roadway culverts. This practice has resulted in the percentage of concrete culverts increasing from approximately 40% during the 2010 inventory to 72% during the current culvert inventory.



Typical RCP End Section Treatment

While metal or plastic culverts can be less expensive and easier to handle, concrete roadway culverts are much more durable and last longer. When the Village first initiated the practice of replacing metal culverts with concrete in 2002, the Village had an annual fall work package that was needed to replace metal culverts that had failed and resulted

in potholes over the course of the year, typically affecting 4-7 locations. As the number of remaining metal culverts has decreased, this occurrence has decreased dramatically as well.

Table 1 below shows the material type for the 227 roadway culverts surveyed, while Table 2 provides a breakdown by material type of the condition of each culvert type:

**Table 1: Material Type** 

Material Type	Number	Percentage
СМР	56	24.7%
CPP	3	1.3%
RCP	164	72.3 %
PVC	1	0.4%
DIP	3	1.3%

**Table 2: Culvert Condition by Material Type** 

Material	Poor	Fair	Good	Other
СМР	3.6%	3.6%	87.3%	5.5%
CPP	33.3%	66.7%	-	-
RCP	0.6%	3.6%	94%	1.8%
PVC	-	-	100%	-
DIP	33.3%	-	66.7%	-

# Breakdown by County

As the Village is located in four separate counties, residents may request justification of the rationale as to how the Village allocates money for drainage improvements and maintenance expenditures. One basis for this, at least in terms of how funding is allocated to drainage improvements and maintenance, could be the number and condition of culverts in each county. Table 3 below examines how the culverts are distributed throughout the Village. It is noted that as there are no Village roadways located in the Kane County portion of the Village, there are no Village maintained roadway culverts located in Kane County.

**Table 3: Culvert by Location** 

County	Number of Culverts	Fair/ Poor Condition	Non- RCP Culverts
Cook	96	9	19
Lake	47	6	13
McHenry	84	6	31
Total	227	21	63

#### **CONDITION REPORT**

# Required Maintenance

Six culvert locations were found to be either buried, clogged, or full of water during the time of the inspection. Those locations are summarized below:

 Hills N' Dales Road- 36" RCP Culvert- Inlet on the upstream side clogged, causing overtopping of the driveway and roadway. Inlet to be replaced with more maintenance friendly end treatment as part of 2017 Road Program.



Hills N' Dales Culvert Inlet after removal of leaves/debris

 10440 River Road (Culvert ID 3735)- 15" CMP Culvert- Inlet lid was covered by leaves at the time of inspection. We would recommend this location be forwarded to Cuba Township to jet out the culvert and catch basin.





Downstream End- River Rd. Culvert

Upstream Inlet- River Rd. Culvert

 Dundee Lane- North of Sara Lane- 36" CMP Culvert- Under water at time of inspection. Re-inspected and found to be in fair condition; however, the roadway overtops on a regular basis. Consideration should be given to further review of this area to determine the feasibility of upsizing this culvert or modifying the downstream pipe.



Dundee Lane Culvert- Overtopping after April 2017 Storm Event

- Chapel Road (Culvert ID 920)- 18" RCP- The culvert was under water at the time
  of the first inspection and is under water most of the year as it serves to
  hydraulically connect two wetland areas (Photo not included due to heavy
  vegetation).
- Three Lakes Road (Culvert ID 1680)- 12" RCP- The culvert was under water at the time of the first inspection; the roadside ditches along the east side of Three Lakes Road are frequently inundated during seasonal storm events due to the lack of downstream capacity.

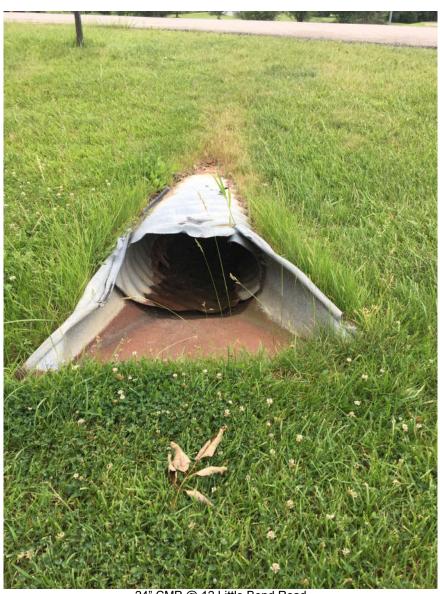


Three Lakes Road Ditch Inundation- April 2017

# Required Replacements

Four roadway culverts were found to be in "Poor" condition, indicative that plans should be made to replace them within the next few years. These locations are discussed in further detail below:

- Ridge Road- South of Oak Knoll (Culvert ID 1935)- 12" CMP- This culvert is schedule to be replaced as part of the 2017 Road Program. (Photo not included due to heavy vegetation).
- 12 Little Bend Road (Culvert ID 1140)- 24" CMP- This culvert should be replaced as part of the resurfacing of Little Bend Road, tentatively planned for resurfacing in 2019.



24" CMP @ 12 Little Bend Road

20 Creekside Lane (Culvert ID 3890)- 48"x63" Elliptical CMP- This culvert was initially identified for replacement as part of the 2013 Drainage Program along with a similarly sized culvert at 8/9 Creekside; however, it was removed from the project due to budget constraints and it was determined it could last a few more years. It is recommended that this culvert be replaced prior to or as part of the resurfacing of Creekside Lane, anticipated to be part of the 2019 Road Program.



48"x63" Elliptical CMP @ 20 Creekside Lane

 Springwood Lane @ IL 62 (Culvert ID 4715)- 18" RCP- This culvert was installed in 2010. While generally in good condition, the west end of this culvert appears to have been damaged, perhaps by an overweight vehicle leaving the roadway. The upstream flared end section should be repaired in the near future.



Damaged Flared End Section- Springwood Lane