



EST. 1960

Willowbrook

835 Midway Drive
Willowbrook, IL 60527-5549

Phone: (630) 323-8215 Fax: (630) 323-0787 www.willowbrookil.org

Mayor

Frank A. Trilla

Village Clerk

Leroy R. Hansen

Village Trustees

Sue Berglund

Umberto Davi

Terrence Kelly

Michael Mistele

Gayle Neal

Paul Oggerino

Village Administrator

Tim Halik

Chief of Police

Mark Shelton



Proud Member of the
Illinois Route 66 Scenic Byway

AGENDA

REGULAR MEETING OF THE MUNICIPAL SERVICES COMMITTEE TO BE HELD ON MONDAY, AUGUST 8, 2016, AT 5:30 P.M. AT THE VILLAGE HALL, 835 MIDWAY DRIVE, IN THE VILLAGE OF WILLOWBROOK, DUPAGE COUNTY, ILLINOIS.

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF MINUTES:
 - a) July 11, 2016 Regular Meeting of the Municipal Services Committee
4. DISCUSSION – Intersection Safety Assessment, Clarendon Hills Road & 79th Street
5. DISCUSSION – Proposed 75th Street Water Main Replacement Project – Brookbank Road to Sawmill Creek
6. REPORT – Municipal Services Department:
 - a) July 2016 Monthly Permit Activity Report
 - b) June 2016 Water System Pumpage Report
7. VISITOR'S BUSINESS
(Public comment is limited to three minutes per person)
8. COMMUNICATIONS
 - a) Ridgemoor Dr. & Lane Ct. Drainage Improvement Project
9. ADJOURNMENT

MINUTES OF THE REGULAR MEETING OF THE MUNICIPAL SERVICES
COMMITTEE OF THE VILLAGE OF WILLOWBROOK HELD ON MONDAY,
JULY 11, 2016 AT THE VILLAGE HALL, 835 MIDWAY DRIVE, IN THE
VILLAGE OF WILLOWBROOK, DUPAGE COUNTY, ILLINOIS

1. CALL TO ORDER

Chairman Mistele called the meeting to order at 5:34 PM.

2. ROLL CALL

Those present at roll call were Chairman Michael Mistele, Trustee Paul Oggerino, and Village Administrator Tim Halik. Absent: None.

3. APPROVAL OF MINUTES

- a) After review of the draft minutes from the June 13, 2016 regular meeting of the Municipal Services Committee, Trustee Oggerino made a motion to approve the minutes as presented. Chairman Mistele seconded the motion. Motion Carried

4. DISCUSSION – FY 2016/17 Motor Fuel Tax (MFT) Funded Roadway Maintenance Program – Review of Bids

Administrator Halik reminded the Committee that this year's Motor Fuel Tax (MFT) Roadway Maintenance Program will include the resurfacing of 1.47 miles of roadways within the southwest quadrant of the Village, crack sealing in various areas, full-depth patching on various streets throughout the Village, and replacement of worn pavement markings. The public bid opening for this year's program was held at the Village Hall on Monday, June 20, 2016 at 10:00 AM. A total of three (3) sealed bids were received prior to the deadline with the lowest bid received from Crowley Sheppard Asphalt, Inc. in the amount of \$263,720.81, which includes the bid alternate of also completing Midway Drive from Kingery Highway to Clarendon Hills Road. Halik advised that Crowley-Sheppard Asphalt, Inc. is an IDOT pre-qualified bidder, and they have performed work in the Village in the past, including annual roadway maintenance programs. The company is well qualified to complete our roadway maintenance program this year. Halik shared that the base bid plus alternate bid amount of \$263,720.81 is \$84,689.65 below the engineer's estimate of probable cost for the project. The Village had allocated a total of \$286,878.92 to be spent in this year's road maintenance program. Therefore, this bid amount is \$23,158.11 below the set project budget. Halik advised that this will help offset any added expenses from the Clarendon Hills Road STP project currently underway. Halik stated that staff would recommend that the low bid submitted by Crowley-Sheppard Asphalt, Inc. be accepted and that the contract be awarded to them for the 2016 MFT Roadway Maintenance Program in the amount of \$263,720.81. Once the Village Board awards the contract, staff will schedule a preconstruction meeting with the contractor. After which, the Village will issue the Notice to Proceed, and the work will begin. Staff anticipates that the work would start this month. Halik also reminded the Committee that the bid award will also be considered by the Village Board on tonight's meeting agenda. The Committee concurred with the staff recommendation and look forward to the completion of the project.

5. REPORT – Municipal Services Department

- a. Administrator Halik reviewed the monthly permit activity report for the month of June 2016. Halik advised that the Village received about \$13,426 in permit revenue for the month. This amount represents 18% of the total budgeted amount of revenue for fiscal year 2016/17.
- b. Administrator Halik shared the water system pumpage report for May 2016. The report indicates that the Village pumped 31,048,000 gallons of water in the month. This amount is about 6% more than was pumped in May of 2015, and represents the first month in the new fiscal year.
- c. Administrator Halik shared the June 2016 scavenger reports from the vendor, Republic Services. This report contains information pertaining to the tons of refuse and recyclable material collected by the scavenger in Willowbrook for each month.
- d. Administrator Halik reviewed the June 2016 Clarke Environmental Program Update, and called attention to the low trap count numbers so far.

6. VISITOR'S BUSINESS

(None)

7. COMMUNICATIONS

(None)

8. ADJOURNMENT

Motion to adjourn was made by Chairman Mistele. Seconded by Trustee Oggerino. The meeting was adjourned at 5:45 PM.

(Minutes transcribed by: Tim Halik, 8/2/16)

**MUNICIPAL SERVICES COMMITTEE MEETING
AGENDA ITEM SUMMARY SHEET**

AGENDA ITEM DESCRIPTION

**DISCUSSION – Intersection Safety Assessment,
Clarendon Hills Road & 79th Street**

COMMITTEE REVIEW

- Finance/Administration
- Municipal Services
- Public Safety

Meeting Date:

August 8, 2016

- | | |
|---|---|
| <input type="checkbox"/> Discussion Only | <input checked="" type="checkbox"/> Approval of Staff Recommendation (for consideration by Village Board at a later date) |
| <input type="checkbox"/> Seeking Feedback | <input type="checkbox"/> Approval of Staff Recommendation (for <u>immediate</u> consideration by Village Board) |
| <input type="checkbox"/> Regular Report | <input type="checkbox"/> Report/documents requested by Committee |

BACKGROUND

On June 11, 2016 the Village received a concern from a resident pertaining to the intersection located at Clarendon Hills Road and 79th Street. A vehicle collision, without injuries, had recently occurred at the intersection and the resident had recalled a prior collision that occurred in 1996 at the same location in which there was a fatality. Although an investigation conducted after the tragic 1996 incident revealed that there were extenuating circumstances involved and the design of the intersection did not contribute to the crash, the lingering perception seems to be that it remains a dangerous intersection.

In order to address the perception that it is an unsafe intersection, staff hired a senior transportation engineer from Gewalt Hamilton Associates to conduct a full safety assessment of the intersection. The results of that assessment are included in the attached report dated July 28, 2016 and consisting of seven (7) pages.

REQUEST FOR FEEDBACK

The report concludes that based on traffic counts and historical crash data, the intersection does not meet criteria for modification to an all-way stop design or full signalization. Intersection illumination and above grade warning signage was also found to be appropriate. Therefore, given no intersection design deficiencies were identified, suggestions were offered for possible ways to improve driver awareness. Page three (3) of the report includes a matrix of identified strategies to improve driver awareness which include; installing a splitter island (i.e., median) upon the west leg of the intersection to better guide traffic, supplemental pavement markings, advanced warning signage, installation of stop beacons on 79th Street stop signs, and a flashing beacon above the intersection. All of these suggestions are intended to increase driver awareness of the intersection and are ranked within the matrix by time, cost, and crash reduction.

STAFF RECOMMENDATION

Staff recommends consideration of all suggested strategies offered by the traffic engineer. However, there is a concern that flashing beacons, whether installed on the existing stop signs or suspended above the intersection, could cause a nuisance to surround residential property owners. It is not uncommon for the Village to receive complaints from residents pertaining to lighting glare and spillage from adjacent properties. If the beacon suggestions are to be considered, it is recommended that we first speak to area residents to determine whether there would be any objections. As an alternative, the installation of beacons could always be installed at a later time as we continue to monitor this location.

Memorandum

625 Forest Edge Drive, Vernon Hills, IL 60061

TEL 847.478.9700 □ FAX 847.478.9701

www.gha-engineers.com

To: Mr. Tim Halik, Village Administrator
Village of Willowbrook

From: Lynn M. Means, P.E., PTOE
Senior Transportation Engineer

Date: July 28, 2016

Subject: Clarendon Hills Road at 79th Street
Willowbrook, Illinois



Per your request, Gewalt-Hamilton Associates, Inc. (GHA) has conducted an assessment of the intersection of Clarendon Hills Road and 79th Street in Willowbrook, Illinois. *Exhibits 1 and 2* provide a location map and photo inventory of the subject intersection. We offer the following comments:

- Clarendon Hills Road is north-south, major collector roadway under the jurisdiction of the Village of Willowbrook, north of 79th Street, and Downers Grove Township, south of 79th Street. Within the study area, it provides a two lane cross section (one travel lane in each direction) with a posted speed limit of 30 miles per hour (mph). The average daily traffic volume on Clarendon Hills Road is 3,350 vehicles per day (source Illinois Department of Transportation website) – year 2012.
- 79th Street is an east-west, local roadway under the jurisdiction of the Village of Willowbrook. West of 79th Street, 79th Street is classified by the Village as a collector roadway. There are no pavement markings provided on 79th Street to delineate directional travel. 79th Street operates under Stop sign control at its unsignalized intersection with Clarendon Hills Road (Clarendon Hills Road operates under free flow condition).
- Pace Bus Route 664 provides weekday rush hour service between the Metra Burlington Northern Santa Fe Line Clarendon Hills Station and Hinsdale. It traverses the study intersection, traveling along Clarendon Hills Road (south of 79th Street) and 79th Street, west of Clarendon Hills Road.
- Historical crash data was supplied by the Willowbrook Police Department to Village Staff at this intersection. It is our understanding there have been two reported crashes over nearly a twenty-year period. In 1996, there was a fatal crash that involved an angle collision - a vehicle traveling southbound on Clarendon Hills Road, after leaving the roadway, collided with a vehicle stopped on the west leg of the intersection. And, most recently, an angle collision occurred with minor injuries involving an eastbound left-turning vehicle from 79th Street colliding with a vehicle traveling northbound on Clarendon Hills Road.
- Based on a review of the available traffic counts and historical crash data, this intersection does not satisfy the minimum Manual of Uniform Traffic Control Devices criteria for traffic control modifications – either all-way stop control or traffic signal installation.
- An intersection warning sign (W2-1) with supplemental street name (79th St) plaque is provided on both northbound and southbound Clarendon Hills Road in advance of its intersection with 79th Street. Chevron signs are also posted along the northbound and southbound approaches as the roadway alignment shifts, in the vicinity of the subject intersection. *Providing enhanced signing is a strategy for improving visibility / awareness of an intersection.*

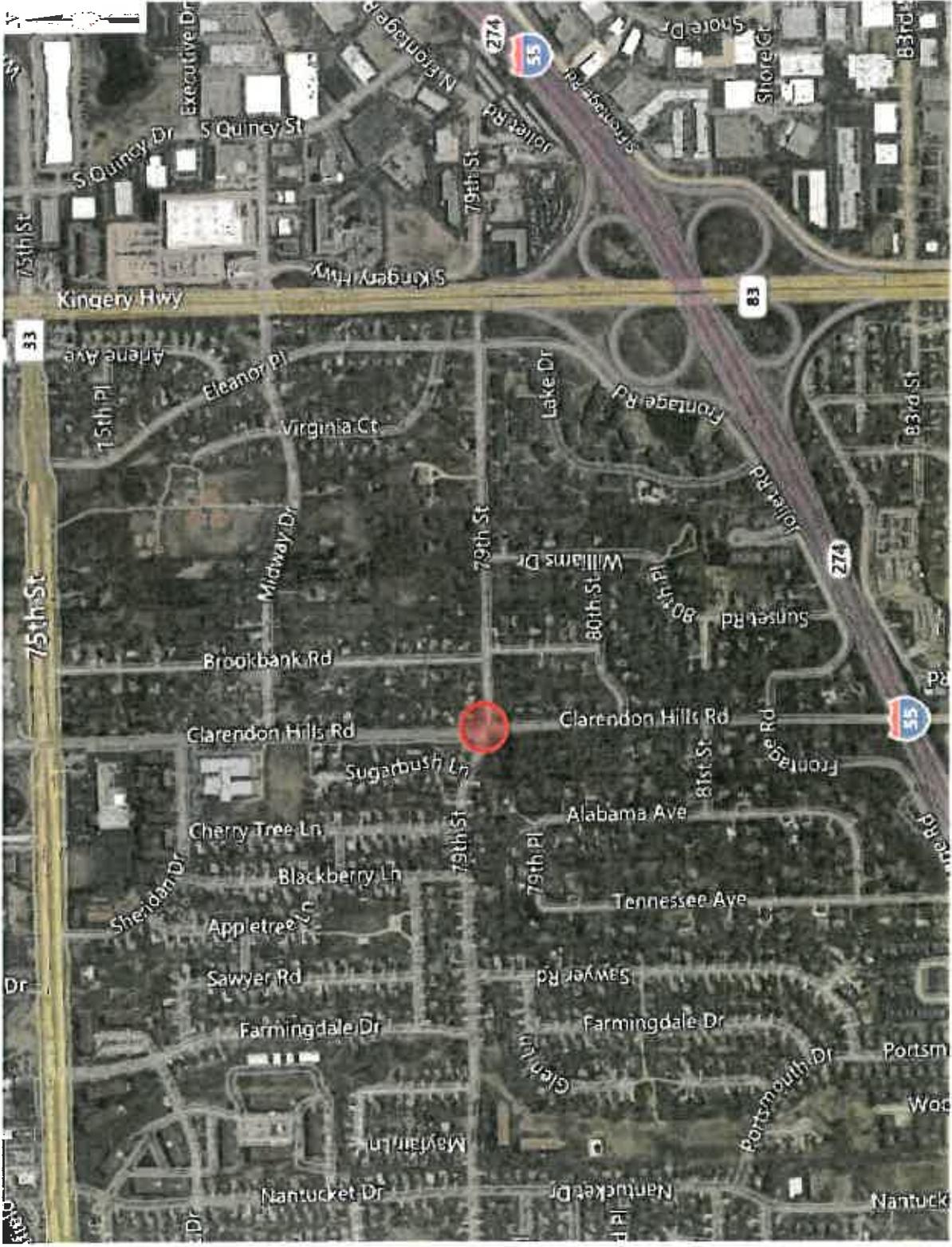
- Sufficient intersection illumination appears to be provided, with a pole-mounted light provided on the southwest corner of the intersection, as well as on the south side of 79th Street, just to the west of Clarendon Hills Road. *Providing intersection lighting on one quadrant of the intersection is another strategy for improving intersection awareness.*
- Although measures are currently implemented at this intersection that provide enhanced driver awareness and crash history does not suggest the need to provide modification, consideration may be given to implementing one or more of the following additional safety strategies to further improve driver awareness (see *Table 1*).
- It is recommended that this intersection be monitored for changes in frequency and/or types of crashes for the need to implement any of the strategies identified in *Table 1* and/or if other types of strategies to improve intersection safety would be warranted.

We hope that you find these comments and recommendations helpful. Should you have any questions, please do not hesitate to contact me at 847-821-6243.

5172.900_Clarendon Hill Rd and 79th Street.7.28.16.docx

Table 1: Safety Strategies – Improve Driver Awareness

Strategy	Time	Cost	Crash Reduction	Implementation Example / Photo
Provide a splitter island (median) on the west leg (79th Street eastbound approach) to call attention to the presence of the intersection and to guide traffic through the intersection. A pedestrian crosswalk (continental style) may also be striped across this approach. The island may be mountable, if necessary, to accommodate Pace / School Buses. The island may also contain a supplemental Stop sign.	Moderate	Moderate	35-45% injury crashes	
Provide pavement markings with supplemental messages on minor street approaches. 79th Street: Stop Ahead.	Short	Low	unknown	
Provide advance warning signing on the 79th Street approaches: Stop Ahead.	Short	Low	40%	
Supplement the Stop signs on the 79th Street approaches with a Stop Beacon.	Short	Low	unknown	
Supplement the Stop signs on the 79th Street approaches – Cross Traffic Does Not Stop.	Short	Low	unknown	
Install a flashing beacon at the intersection: 79th Street approaches flash Red and Clarendon Hills Road approaches flash Yellow.	Short	Low	12-58% angle crashes	



Clarendon Hills Road and 79th Street - Willowbrook, Illinois

Exhibit 1
Aerial Map

GHA GEWALT HAMILTON
ASSOCIATES, INC.



Looking east along 79th St, west of Clarendon Hills Rd.



Looking north along Clarendon Hills Rd from 79th St eastbound approach Stop bar.



Looking south along Clarendon Hills Road from 79th Street eastbound approach Stop bar.



Looking south along Clarendon Hill Road from 79th St eastbound approach.



Looking south along Clarendon Hills Rd, north of 79th St.



Looking south along Clarendon Hills Rd at 79th St.



Looking north along Clarendon Hills Rd, south of 79th St.



Looking north along Clarendon Hills Rd, approaching 79th St.



Looking west along 79th St, east of Clarendon Hills Rd.



Looking south along Clarendon Hills Rd from 79th St westbound approach Stop bar.



Looking north along Clarendon Hills Rd from 79th St westbound approach Stop bar.



Cyclist crossing Clarendon Hills Rd (north leg) at 79th St.

July 14, 2016

Mr. Tim Halik via email THalik@willowbrook.il.us
Village Administrator
Village of Willowbrook
835 Midway Drive
Willowbrook, Illinois 60527

625 Forest Edge Drive, Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701
www.gha-engineers.com



Subject: Clarendon Hills Road and 79th Street
Willowbrook, Illinois

Dear Mr. Halik:

Gewalt Hamilton Associates, Inc. (GHA) will provide professional transportation engineering consulting services with respect to the above referenced project. Based on our recent conversations, it is our understanding there is concern from area residents regarding the safety of the Clarendon Hills Road and 79th Street intersection following a recent angle-type collision involving minor injuries and a fatal collision involving a fixed object (utility pole) occurring over ten years ago. GHA will perform a safety assessment of this intersection, which will include a review of historical crash data, available traffic data along both roadways and a visit to the site for purposes of observing existing traffic and to gather pertinent data regarding roadway lane configuration, traffic controls, intersection signing and lighting and other relevant roadway characteristics. We will summarize our findings and recommendations to improve safety / awareness of this intersection, as appropriate.

For the above limited scope of services, we propose a Time and Materials budget utilizing the following hourly rates:

GHA 2016 Hourly Billing Rates

Principal Engineer	\$196/hr.	Staff Engineer	\$116/hr.
Senior Engineer	\$166/hr.	Senior Engineering Technician	\$114/hr.
Senior Environmental Consultant	\$166/hr.	Environmental Consultant	\$112/hr.
Professional Engineer	\$138/hr.	Engineering Technician II	\$98/hr.
Registered Land Surveyor	\$120/hr.	Engineering Technician I	\$72/hr.
GIS Professional	\$120/hr.	Clerical	\$60/hr.

GHA will then apply a 10% discount off the invoice total. GHA staff is also available to review additional information, perform traffic counts, or attend meetings or public hearings, at the Village's request. Attachment A, is attached hereto and incorporated herein contains the General Provisions of this Agreement.

We look forward to working with you and assisting the Village of Willowbrook on this project. If the scope and fee are acceptable, please authorize below and return a copy for our records.

Sincerely,

Lynn M. Means, P.E., PTOE
Senior Transportation Engineer

Mr. Tim Halik
Village of Willowbrook

Proposal No.2016.T137 Clarendon Hills Rd 79th St - Willowbrook_7.14.16.docx

**ATTACHMENT A TO GEWALT HAMILTON ASSOCIATES, INC.
PROFESSIONAL SERVICES AGREEMENT**

1. Standard of Care. The services provided by Gewalt Hamilton Associates, Inc., (GHA) under this Agreement will be reasonably performed consistent with the generally accepted standard of care for the Scope of Basic Services called for herein at the time when and the place where the services are provided.

2. Duration of Proposal. The terms of this Agreement are subject to renegotiation if not accepted within 60 calendar days of the date indicated on this Agreement. Requests for extension beyond 60 calendar days shall be made in writing prior to the expiration date. The fees and terms of this Agreement shall remain in full force and effect for one year from the date of acceptance of this Agreement, and shall be subject to revision at that time, or any time thereafter if GHA gives written notice to the other party at least 60 calendar days prior to the requested date of revision. In the event that the parties fail to agree on the new rates or other revisions, either party may terminate this Agreement as provided for herein.

3. Client Information. Client shall provide GHA will all project criteria and full information for its Scope of Basic Services. GHA may rely, without liability, on the accuracy and completeness of the information Client provides, including that of its other consultants, contractors and subcontractors, without independently verifying that information.

4. Payment. Payments are due within 30 calendar days after a statement is rendered. Statements not paid within 60 calendar days of the end of the calendar month when the statement is rendered will bear interest at the rate of one percent (1.0%) per month until paid. The provision for the payment of interest shall not be construed as authorization to pay late. Failure of the Client to make payments when due shall, in GHA's sole discretion, be cause for suspension of services without breach or termination of this agreement. Upon notification by GHA of suspension of services, Client shall pay in full all outstanding invoices within 7 calendar days. Client's failure to make such payment to GHA shall constitute a material breach of the Agreement and shall be cause for termination by GHA. GHA shall be entitled to reimbursement of all costs actually incurred by GHA in collecting overdue accounts under this Agreement, including, without limitations, attorney's fees and costs. GHA shall have no liability for any claims or damages arising from either suspension or termination of this Agreement due to Client's breach. The Client's obligation to pay for GHA's services is in no way dependent upon the Client's ability to obtain financing, rezoning, payment from a third party, approval of governmental or regulatory agencies or the Client's completion of the project.

5. Instruments of Service. The Client acknowledges GHA's plans and specifications, including field data, notes, calculations, and all documents or electronic data, are instruments of service. GHA shall retain ownership rights over all original documents and instruments of service. All instruments of service provided by GHA shall be reviewed by Client within 10 calendar days of receipt. Any deficiencies, errors, or omissions the Client discovers during this period will be reported to GHA and will be corrected as part of GHA's Basic Services. Failure to provide such notice shall constitute a waiver. The Client shall not reuse or make, or permit to be made any modifications to the instruments of service without the prior written authorization of GHA. The Client waives all claims against GHA arising from any reuse or modification of the instruments of service not authorized by GHA. The Client agrees, to the fullest extent permitted by law, to defend and indemnify and hold GHA harmless from any liability, damage, or cost, including attorneys' fees, arising from the unauthorized reuse or modification of the instruments of service by any person or entity. The parties agree that if elements of the Scope of Basic Services identified in this Agreement are reduced and/or eliminated by Client, then Client waives, releases and holds GHA harmless from all claims and damages arising from those reduced and/or eliminated services. If GHA's Scope of Basic Services does not include construction administration phase services, Client assumes responsibility for interpretation of the instruments of service and construction observation, and waives all claims against GHA for any act, omission or event connected thereto. Unless included in GHA's Scope of Basic Services, GHA shall not be liable for coordination with of the services of Client's other design professionals.

6. Electronic Files. The Client acknowledges that differences may exist between the electronic files delivered and the printed instruments of service. In the event of a conflict between the signed / sealed printed instruments of service prepared by GHA and the electronic files, the signed / sealed instruments of service shall control. GHA's electronic files shall be prepared in the current software GHA uses and will follow GHA's standard formatting unless the Scope of Basic Services requires otherwise. Client accepts that GHA makes no warranty that its software will be compatible with other systems or software.

7. Applicable Codes. The Client acknowledges that applicable laws, codes and regulations may be subject to various, and possibly contradictory, interpretations. Client accepts that GHA does not warrant or guarantee that the Client's project will comply with interpretations of applicable laws, codes, and regulations as they may be interpreted to the project. Client agrees that GHA shall not be responsible for added project costs, delay damages, or schedule changes arising from unreasonable or unexpected interpretations of the laws, codes, or regulations applied to the project, nor for changes required by the permitting authorities due to changes in the law that became effective after completion of GHA's instruments of service. Client shall compensate GHA for additional fees required to revise the instruments of service to comply with such interpretations. Client shall also compensate GHA for additional fees required to revise the instruments of service if Client changes the project scope after GHA's completes its instruments of service.

8. Utilities and Soils. When the instruments of service include information pertaining to the location of underground utility facilities or soils, such information represents only the opinion of the engineer as to the possible locations. This information may be obtained from visible surface evidence, utility company records or soil borings performed by others, and is not represented to be the exact location or nature of these utilities or soils in the field. Client agrees that GHA may reasonably rely on the accuracy and completeness of information furnished by third parties respecting utilities, underground conditions and soils without performing any independent verification. Contractor is solely responsible for utility locations, their markings in the field and their placement on the plans based on information they provided. Client agrees GHA is not liable for damages resulting from utility conflicts, mistaken utility locates, unfavorable soils, and concealed or unforeseen conditions, including but not limited to added construction costs and/or project delays. If the Client wishes to obtain the services of a contractor to provide test holes and exact utility locations, GHA may incorporate that information into the design and reasonably rely upon it. If not included in the Scope of Basic Services, such work will be compensated as additional services.

T.H.H.
7-15-16

9. Opinion of Probable Construction Costs. GHA's Scope of Basic Services may include the preparation of an opinion of probable construction costs. Client acknowledges that GHA has no control over the costs of labor, materials, or equipment, or over the contractor's methods of determining prices, or over competitive bidding or market conditions. Opinions of probable costs, shall be made on the basis of experience and qualifications applied to the project scope contemplated by this Agreement as well as information provided by Client (the accuracy and completeness of which GHA may rely upon), and represent GHA's reasonable judgment. Client accepts that GHA does not guarantee or warrant that proposals, bids, or the actual construction costs will not vary from opinions of probable cost prepared for the Client. GHA shall not be liable for cost differentials between the bid and/or actual costs and GHA's opinion of probable construction costs. Client agrees it shall employ an independent cost estimator if, based on its sole determination, it wants more certainty respecting construction costs,

10. Contractor's Work. Client agrees that GHA does not have control or charge of and is not responsible for construction means, methods, techniques, sequences or procedures, or for site or worker safety measures and programs including enforcement of Federal, State and local safety requirements, in connection with construction work performed by the Client or the Client's construction contractors. GHA is not responsible for the supervision and coordination of Client's construction contractors, subcontractors, materialmen, fabricators, erectors, operators, suppliers, or any of their employees, agents and representatives of such workers, or responsible for any machinery, construction equipment, or tools used and employed by contractors and subcontractors. GHA has no authority or right to stop the work. GHA may not direct or instruct the construction work in any regard. In no event shall GHA be liable for the acts or omissions of Client's construction contractors, subcontractors, materialmen, fabricators, erectors, operators or suppliers, or any persons or entities performing any of the work, or for failure of any of them to carry out their work as called for by the Construction Documents. The Client agrees that the Contractor is solely responsible for jobsite and worker safety, and warrants that this intent shall be included in the Client's agreement with all prime contractors. The Client agrees that GHA and GHA's personnel and consultants (if any) shall be defended/indemnified by the Contractor for all claims asserted against GHA which arise out of the Contractor's or its subcontractors' negligence, errors or omissions in the performance of their work, and shall also be named as an additional insured on the Contractor's and subcontractors' general liability insurance policy. Client warrants that this intent shall be included in the Client's agreement with all prime contractors. If the responsible prime contractor's agreement fails to comply with the Client's intent, then the Client agrees to assume the duty to defend and indemnify GHA for claims arising out of the Contractor's or subcontractors' negligence, errors or omissions in the performance of their work.

11. Contractor Submittals. Shop drawing and submittal reviews by GHA shall apply only to the items in the submissions that concern GHA's scope of Basic Services and only for the purpose of assessing if, upon successful incorporation in the project, they are generally consistent with the GHA's Instruments of Service. Client agrees that the Contractor is solely responsible for the submissions and for compliance with the Instruments of Service. Owner agrees that GHA's review and action in relation to the submissions does not constitute the provision of means, methods, techniques, sequencing or procedures of construction or extend to jobsite or worker safety. GHA's consideration of a component does not constitute acceptance of an assembled item.

12. Hazardous Materials. Client agrees that GHA has no responsibility or liability for any hazardous or toxic materials, contaminants or pollutants.

13. Record Drawings. If required by the Scope of Basic Services, record drawings will be prepared which may include unverified information compiled and furnished by others, the accuracy and completeness of which GHA may reasonably rely upon. Client accepts that GHA shall not verify the information provided to it and agrees GHA will not be responsible for any errors or omissions in the record drawings due to incorrect or incomplete information furnished by others to GHA.

14. Disputes. Client agrees to limit GHA's total aggregate liability to the Client for GHA's alleged acts, errors or omissions to \$50,000 or the amount of GHA's paid fees for its services on the project, whichever is greater. GHA makes no guarantees or warranties, either expressed or implied, including any warranty of habitability or fitness for a particular purpose. The parties agree to waive all claims against the other for any and all consequential damages, including attorneys' fees. The parties agree to waive against each other all rights and claims otherwise covered by property insurance, by builder's risk insurance or by all risk insurance, including but not limited to subrogation rights regardless of whether the claims arise during or post-construction and regardless of final payment to GHA.

All disputes arising out of or relating to this Agreement shall first be negotiated between the parties. If unresolved, the dispute shall be submitted to mediation as a condition precedent to litigation. Mediation shall take place in Chicago, Illinois unless the Client and GHA mutually agree otherwise. The fees and costs of the mediator shall be apportioned equally between the parties. If mediation is unsuccessful, litigation shall be the form of dispute resolution and shall be filed in the jurisdiction where the project was pending. The controlling law shall be the law of the jurisdiction where the project was located. Client agrees that all causes of action under this Agreement shall be deemed to have accrued and all statutory limitations periods shall commence no later than the date of GHA's services being substantially completed. Client agrees that any claim against GHA arising out of this Agreement shall be asserted only against the entity and not against GHA's owners, officers, directors, shareholders, or employees, none of whom shall bear any liability and may not be subject to any claim.

15. Miscellaneous. Either Client or GHA may terminate this Agreement without penalty at any time with or without cause by giving the other party ten (10) calendar days prior written notice. The Client shall, within thirty (30) calendar days of termination pay GHA for all services rendered and all costs incurred up to the date of termination in accordance with compensation provisions of this Agreement. Client shall not assign this Agreement without GHA's prior written consent. There are no third-party beneficiaries to this Agreement.

T. H. H. H.
7.15.16

**MUNICIPAL SERVICES COMMITTEE MEETING
AGENDA ITEM SUMMARY SHEET**

AGENDA ITEM DESCRIPTION

**DISCUSSION – Proposed 75th Street Water Main Replacement Project,
Brookbank Road to Sawmill Creek**

COMMITTEE REVIEW

- Finance/Administration
 Municipal Services
 Public Safety

Meeting Date:

August 8, 2016

- | | |
|---|---|
| <input checked="" type="checkbox"/> Discussion Only | <input checked="" type="checkbox"/> Approval of Staff Recommendation (for consideration by Village Board at a later date) |
| <input type="checkbox"/> Seeking Feedback | <input type="checkbox"/> Approval of Staff Recommendation (for <u>immediate</u> consideration by Village Board) |
| <input type="checkbox"/> Regular Report | <input type="checkbox"/> Report/documents requested by Committee |

BACKGROUND

Since 2012, public works crews have been tracking the number of water main breaks that have been repaired on a section of a 12" diameter water main located along the south side of 75th Street between Brookbank Road, to the west, and Sawmill creek, to the east. In 2012, it was found that this particular section of main is in a severely deteriorated condition. We believe this section of main was installed in the 1970s and may be Class 50 ductile iron pipe. This class of pipe has thinner sidewalls than the current minimum class of water pipe and may have been installed at a time when the industry was switching to thicker pipe. In addition, from our repair excavations, it does not appear that this water main was properly bedded with stone when it was originally installed. We believe that the soils in this area are corrosive type, and this may be the cause of the extreme deterioration that we have observed. Whenever crews install repair clamps on this section of main, sacrificial anodes are used to inhibit the corrosive soil from attacking the hardware on the repair clamp. Since 2012, we have excavation and repaired a total of eleven (11) breaks on this 800' long section of main.

REQUEST FOR FEEDBACK

Staff has assembled costs to replace this section of water main using new poly-wrapped ductile iron pipe. This project would be fairly disruptive, as the main traverses below six (6) residential driveway aprons that must be removed and replaced, including drainage culverts. In addition, the DuPage County bike path is located in this same area and will need to be repaired if impacted by the excavation. As part of the project, two (2) fire hydrants will be replaced and water services to each resident's buffalo box will be replaced. Lastly, the drainage ditch will need to be re-profiled and restored. Below is a summary of the estimated cost of this project:

- Labor (Sunset Sewer & Water, Inc.): \$52,215.00
- Materials (Underground Pipe & Valve Co.): \$43,604.00
- Grading Restoration (Tamelings Grading): \$ 10,955.00
- Asphalt Restoration (Shermer Asphalt): \$14,800.00 (includes entire apron, if necessary)
- DuPage County Right-of-Way Permit: \$100.00
- IEPA Operating Permit (required for water main replacements): \$240.00

The Total Estimated Cost of this project is **\$121,914.00**. There are sufficient funds to complete this project within the Village's Water Capital Fund.

STAFF RECOMMENDATION

Staff recommends the completion of this project prior to the onset of the winter season.

RECEIVED

JUN 14 2016

VILLAGE OF WILLOWBROOK

SUNSET SEWER & WATER, INC.

PO Box 1954
Frankfort, IL
Phone 815-469-0610
Fax 818-469-0680

Proposal ID: REVSS15-035

Name: Village of Willowbrook

Date: 6/14/2016

Address: 7660 Quincy St

Location: 75th St &
Brookbank,
Willowbrook, IL

City: Willowbrook State: IL ZIP: 60527

Water Main

Attention: Mr. Tim Halik

Description: Replacement

Sunset Sewer & Water, Inc. is pleased to submit a proposal for this project in accordance with plans & specifications as prepared by:

Site Visit on 4/21/15

Qty	Description	Unit Price	Total
	75th St Water Main Replacement		
1	Sunset Sewer & Water, Inc proposes to replace approximately 800' of 12" Ductile Iron water main from the west side of Borse Park entrance path to the east side of Brookbank Rd including, 2 Fire Hydrant replacements, 5 water service reconnections to new B-Box, one 12"x12" pressure connection, one 12" shut down connection, capping existing abandoned 12" water main in place, and removing two Fire Hydrants from abandoned water main. Existing Culverts to be replaced while excavated. All Materials to be provided by Village.		
	Total for 75th Street Water Main Replacement		\$ 52,215.00

SUNSET SEWER & WATER, INC.

PO Box 1954
Frankfort, IL
Phone 815-469-0610
Fax 818-469-0680

Proposal ID: REVSS15-035

Name: Village of Willowbrook

Date: 6/14/2016

Address: 7660 Quincy St

Location: 75th St &
Brookbank,
Willowbrook, IL

City: Willowbrook State: IL ZIP: 60527

Attention: Mr. Tim Halik

Description: Replacement

Sunset Sewer & Water, Inc. is pleased to submit a proposal for this project in accordance with plans & specifications as prepared by:

Site Visit on 4/21/15

Qty	Description	Unit Price	Total
	Notes		
	Prices include mobilization to site, hauling spoils to stockpile site, installation of materials provided by Village, utilizing Village provided stone, testing & chlorination of new main, and leaving site rough graded for landscaping.		
	Prices do not include materials, restoration, permits, bonds, fees.		
	Sunset will make every attempt to protect existing asphalt path. Due to construction in close proximity to path, some damage may be unavoidable. Price offered does not include repairing damaged areas of path.		

All work shall be completed for the total sum of
Fifty Two Thousand, Two Hundred Fifteen & 00/100----- **\$ 52,215.00**
Dollars

The "General Conditions" on attached pages shall be considered as part of the proposal.

Sunset Sewer & Water, Inc. is hereby authorized to proceed per proposed items, prices, general conditions, and notes listed above.

Respectfully Submitted by,
Sunset Sewer & Water, Inc.

Accepted By: _____

Proposed By: Bryan Thrun

Date: _____

Date: 6/14/2016

Prices quoted are good for 30 days. Pricing is based on standard work hours and work days. Changes in scope of work will require recalculation of price and acceptance of owner before work may continue.

Payment terms: Invoices will be submitted at the end of every month. Payments are due within 30 days of date on invoice.



Underground Pipe & Valve, Co.

YARD ADDRESS:
211 Amersford Ln
Storwood, IL 60444
(815) 738-1188

1-800-228-6574

MAILING ADDRESS:
P.O. Box 279
Plainfield, IL 60544 0279
Fax (815) 738-1278

RECEIVED

JUN 14 2016

VILLAGE OF
WILLOWBROOK

Quotation

Bid Date 6/14/2016 Page 1

Name: VILLAGE OF WILLOWBROOK Job: 75th STREET WATERMAIN RELOCATION
 Attn: TIM HALIK
 Phone: 630-920-2238 Fax: _____
 Email: _____ F.O.B: _____ Terms: _____

Line	Quantity	Description	Unit	Price	Total
1		PIPE:			
2	800	12" CL52 TYTON JT. DIP w/POLYWRAP	LF.	\$ 34.50	\$27,600.00
3	5	12" FIELD-LOK GASKETS	EA.	\$ 145.00	\$ 725.00
4					
5		PRESSURE CONNECTIONS:			
6	1	12" x 12" S.S. TAPPING SLEEVE w/VALVE, S.	EA.	\$ 3,300.00	\$ 3,300.00
7		FLG ACC KIT, 1 - DI WEDGE-ACTION			
8		RETAINER GLAND & S.S. T-HEAD ACC's			
9	1	VALVE BOX w/LID (IF NO VAULT STRUCTUR	EA.	\$ 165.00	\$ 165.00
10					
11		FITTINGS:			
12	4	12" DI M.J. 45 BEND w/DI WEDGE-ACTION	EA.	\$ 525.00	\$ 2,100.00
13		RETAINER GLANDS & S.S. T-HEAD ACC's			
14	1	12" DI M.J. LONG-SOLID SLEEVE w/DI WEDG	EA.	\$ 462.00	\$ 462.00
15		ACTION RETAINER GLANDS & S.S. T-HEAD			
16		ACC's			
17	2	12" DI M.J. CAP w/DI WEDGE-ACTION	EA.	\$ 232.00	\$ 464.00
18		RETAINER GLAND & S.S. T-HEAD ACC's			
19					
20		HYDRANTS:			
21	2	5'-6" BURY CLOW MEDALLION VILLAGE OF	EA.	\$ 2,450.00	\$ 4,900.00
22		WILLOWBROOK HYDRANT w/VALVE			
23		ATTACHED, S.S. FLG ACC KIT, VALVE BOX &			
24		VALVE BOX STABILIZER			
25	2	12" x 6" DI SWIVEL (HYDRANT) TEE w/DI	EA.	\$ 610.00	\$ 1,220.00
26		WEDGE-ACTION RETAINER GLANDS & S.S.			
27		T-HEAD ACC's			
28					
29					
30					



Underground Pipe & Valve, Co.

Quotation

HEAD ADDRESS:
215 Arrowledge Dr
Shorewood, IL 60494
(708) 730-1120

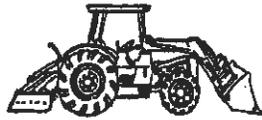
1-800-228-6574

MAILING ADDRESS:
P.O. Box 479
Plainfield, IL 60544-0279
Fax (815) 730-1270

Bid Date 6/14/2016 Page 2

Name: VILLAGE OF WILLOWBROOK Job: 75th STREET WATERMAIN RELOCATION
 Attn: TIM HALIK
 Phone: 630-920-2238 Fax: _____
 Email: _____ F.O.B: _____ Terms: _____

Line	Quantity	Description	Unit	Price	Total
30		<u>CATHOTIC PROTECTION:</u>			
31	74	3/4" SAC NUT	EA.	\$ 4.50	\$ 333.00
32					
33		<i>**Quantities are based on 1/2 the total B&N**</i>			
34					0
35		<u>WATER SERVICES:</u>			0
36	5	1 1/2" COMPRESSION BRASS SET	EA.	\$389.00	\$1,945.00
37		<i>**CORP, CURB-STOP & BOX**</i>			
38	60	1 1/2" TYPE K COPPER	LF.	\$6.50	\$390.00
39					0
40		<u>CULVERT REPLACEMENT:</u>			0
41	120	15" CMP	LF.	\$16.23	\$1,947.60
42					0
43					0
44					0
45					0
46					0
47					0
48					0
49					0
50					0
51					0
52					0
53					0
54					0
55		Subtotal			\$43,604.00
56					
57		Total			\$43,604.00



Tameling Grading



ROTO-TILLING and GRADING
Lawns Prepared for Seeding
Driveways: Scarified and Graded
Roll-Off Containers

7475 Madison Street • Telephone (630) 325-1805 • Willowbrook, Illinois 60527

JOB ESTIMATE

DATE 6/9, 20 16

VILLAGE OF WILLOWBROOK
JOB ESTIMATE FOR WATER MAIN RESTORATION
BETWEEN SAWMILL CREEK, WEST TO

BROOKBANK DR., ALONG SOUTH SIDE
OF 75th STREET

- TRACTOR GRADING LABOR	\$5850. ⁰⁰
- SEED + FERTILIZER	\$855. ⁰⁰
- STRAW BLANKET	\$1950. ⁰⁰
- TOTAL	<u>\$8655.⁰⁰</u>

- ESTIMATE FOR PULVERIZED TOPSOIL,
IF NEEDED:

- 115 YARDS AT ³20.⁰⁰ PER YARD
TOPSOIL COST \$2300.⁰⁰

TOTAL TRACTOR LABOR, SEED + FERTILIZER,
STRAW BLANKET, TOPSOIL \$10,955.⁰⁰

FULL PAYMENT DUE UPON COMPLETION OF WORK



PROPOSAL SCHERMER ASPHALT PAVING, INC.

21730 Higley Lane
Frankfort, Illinois 60423
Office 815.469.6100 Fax 815.469.6588 Mobile 708.774.1227
www.schermierasphalt.com schermerspaving@comcast.net

Proposal submitted to:
Village of Willowbrook
7760 Quincy St.
Willowbrook, IL 60527
ATT: AJ

Phone: 630.323.8215
FAX: 630.323.0787

Date: 6-14-16

Job Name: repair six driveways
Job Address: varies

We hereby submit specifications and estimates for:

Repair 6 driveways due to water main replacement

Area approx: 120'x8'

Asphalt pave only. \$4800.00

NOTE: Owner to obtain and pay for any permits required. The quoted price DOES NOT include any unsuitable soil excavation. Any necessary utility structure adjustments are the responsibility of the owner. Schermer Asphalt is not responsible for any private underground utilities not located by JULIE.

Price based on materials cost as of 6-14-16

If contract is acceptable, please sign and return.

We propose to furnish material and labor-complete in accordance with above specifications for the sum of: --Four Thousand Eight Hundred and 00/100--(\$4800.00)Dollars

Payment to be made as follows: 2% service charge on any unpaid balance over 20 days.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by workmen's compensation insurance.

Authorized signature _____

NOTE: This proposal may be withdrawn by us if not Accepted within -30 - days.

ACCEPTANCE OF PROPOSAL; The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment shall be made as outlined above.

Signature _____ DATE: _____



EST. 1960

Willowbrook

835 Midway Drive
Willowbrook, IL 60527-5549

Phone: (630) 323-8215 Fax: (630) 323-0787 www.willowbrookil.org

MONTHLY REPORT
MUNICIPAL SERVICES DEPARTMENT
Permits issued for the month of July, 2016

Mayor

Frank A. Trilla

Village Clerk

Leroy R. Hansen

Village Trustees

Sue Berglund

Umberto Davi

Terrence Kelly

Michael Mistele

Gayle Neal

Paul Oggerino

Village Administrator

Tim Halik

Chief of Police

Mark Shelton

Director of Finance

Carrie Dittman

A/C Unit Relocation	2
Addition	1
Build-Out	2
Commercial Occupancy	1
Concrete	2
Covered Entry	3
Deck	1
Demolition SFR	1
Door Replacement	3
Electrical Repairs	1
Elevator	1
Fire Alarm System	1
Generator	1
Interior Demolition	1
Misc. Concrete	1
Paver Patio	2
Pool	1
Pool Cover	1
Reoccupancy	3
Roof	8
Shed	1
Storm Sewer Install	1
Tenant Improvements	1
Water Heater	1
Water Service Disconnect	1
Window Replacement	1
TOTAL	42

Final Certificates of Occupancy	1
Temporary Certificates of Occupancy	0

Permit Revenue for July, 2016	19,166.25
Total Revenue Collected for Fiscal Year	
To Date	60,972.20
Total Budgeted for Fiscal Year 2016/17	232,500.00
Total Percentage of Budgeted Revenue	
Collected to Date	26.00

Respectfully submitted,

Timothy Halik
Village Administrator

TH/jp



Proud Member of the
Illinois Route 66 Scenic Byway

MUNICIPAL SERVICES DEPARTMENT

PERMIT REVENUE

Fiscal Year 2016/17

MONTH	CURRENT FISCAL YEAR	PRIOR FISCAL YEAR
MAY	\$ 28,379.31	\$ 11,447.58
JUNE	\$ 13,426.64	\$ 21,083.13
JULY	\$ 19,166.25	\$ 19,426.58
AUGUST		\$ 15,150.56
SEPTEMBER		\$ 146,015.93
OCTOBER		\$ 24,175.36
NOVEMBER		\$ 39,743.04
DECEMBER		\$ 15,692.73
JANUARY		\$ 9,450.41
FEBRUARY		\$ 9,393.21
MARCH		\$ 32,001.35
APRIL		\$ 25,586.99
COLLECTED REVENUE	\$ 60,972.20	\$ 369,166.87
BUDGETED REVENUE	\$ 232,500.00	\$ 200,000.00
REVENUES COLLECTED- (OVER)/UNDER BUDGET	\$ 171,527.80	(169,446.87)
PERCENTAGE OF BUDGETED REVENUE COLLECTED	26.22%	184.72

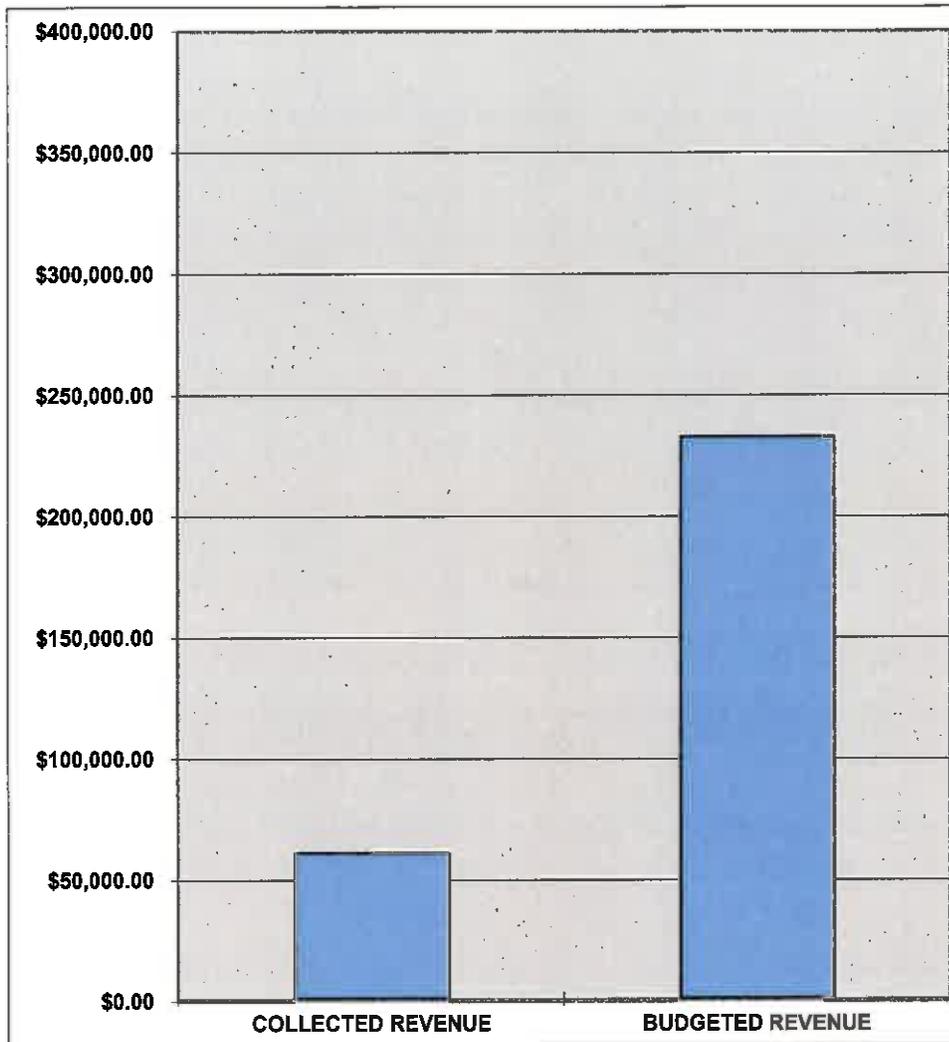
MUNICIPAL SERVICES DEPARTMENT

PERMIT REVENUE

	Fiscal Year 16/17	Fiscal Year 15/16
COLLECTED REVENUE	\$ 60,972.20	\$ 369,446.87
BUDGETED REVENUE	\$ 232,500.00	\$ 200,000.00

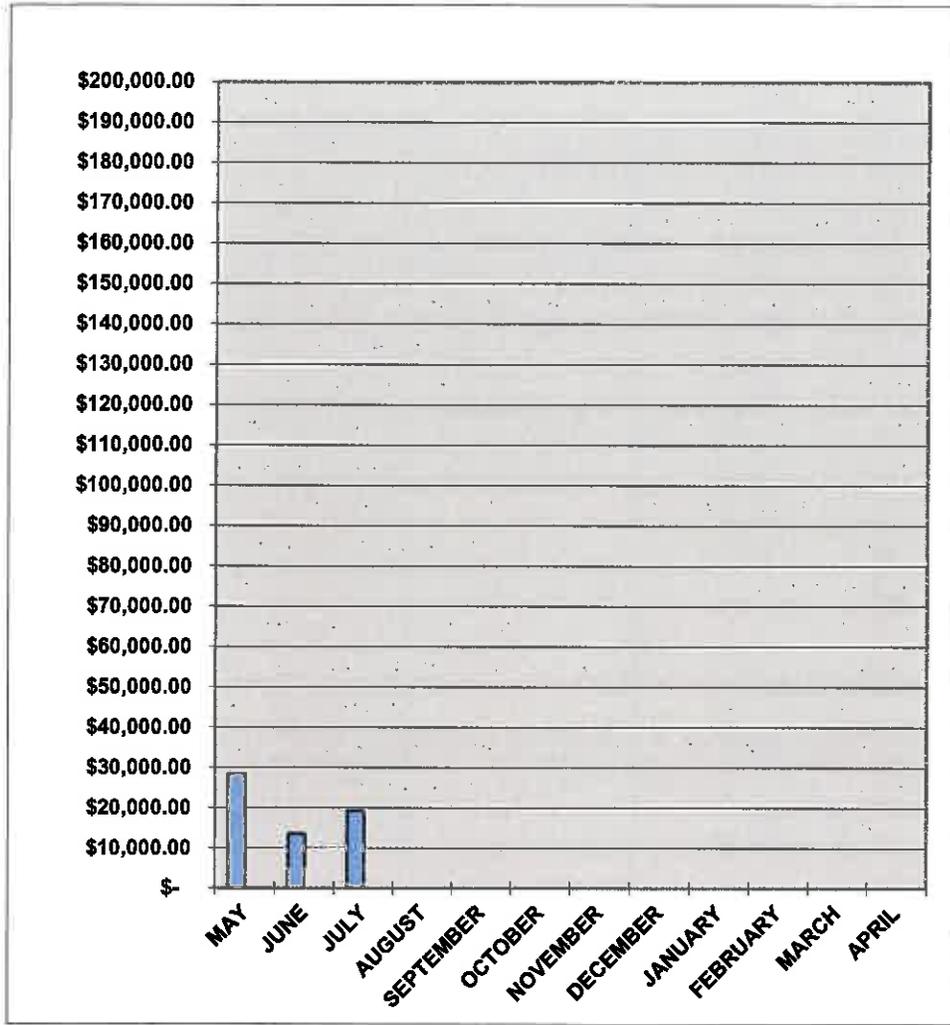
MUNICIPAL SERVICES DEPARTMENT

PERMIT REVENUE



MUNICIPAL SERVICES DEPARTMENT

PERMIT REVENUE



Permit	Date Issued:	Name:	Address:	Permit Purpose:	Business Name:	Fee:	RES / COMM:	Date Released:
16-229	07/07/16	Lake Hinsdale Village	77 Lake Hinsdale	A/C Unit Relocation		\$ 125.00	R	07/07/16
16-230	07/07/16	Lake Hinsdale Village	201 Lake Hinsdale	A/C Unit Relocation		\$ 125.00	R	07/07/16
16-244	07/22/16	Elena Anjulis	534 68th Street	Addition		\$ 2,974.54	R	07/22/16
16-236	07/13/16	McNaughton	535 Plainfield Rd	Build-Out	Olam Americas	\$ 7,138.60	C	07/13/16
16-126	07/21/16	Sam Zagorac	7850 Quincy Street	Build-Out	Diamond Edge	\$ 61.55	C	07/21/16
16-234	07/13/16	Son Tran	650 Willowbrook Center	Commercial Occupancy	New Floor Covering	\$ 200.00	C	07/13/16
16-099	07/13/16	BP Amoco	6949 Kingery Highway	Concrete	BP Amoco	\$ 100.00	C	07/13/16
16-223	07/13/16	Ralph Scumaci	7623 Brookbank Rd	Concrete Base		\$ 50.00	R	07/13/16
16-251	07/22/16	Willowbrook Apt.	7368 Tennessee Dr.	Covered Entry		\$ 675.52	R	07/22/16
16-250	07/22/16	Willowbrook Apt.	7404 Tennessee Dr.	Covered Entry		\$ 675.52	R	07/22/16
16-219	07/22/16	Komfort Zone	7307 Tennessee	Covered Entry		\$ 675.52	R	07/22/16
16-264	07/28/16	Ezekiel Morris	7644 Blackberry Lane	Deck		\$ 50.00	R	07/28/16
16-199	07/13/16	Sanjay Patel	6710 Madison	Demolition SFR		\$ 1,300.00	R	07/13/16
16-241	07/14/16	Richele Soja	6409 Breton Lakes	Door replacement		\$ 75.00	R	07/14/16
16-245	07/22/16	Maulin Patel	353 Coralynn Ct	Door Replacement		\$ 75.00	R	07/22/16
16-256	07/25/16	Linus Ankudavicius	6173 Knoll Lane	Door replacement		\$ 75.00	R	07/25/16
16-228	07/22/16	Lake Hinsdale Village	77 Lake Hinsdale Drive	Electrical Repairs		\$ 125.00	R	07/22/16
16-231	07/27/16	Laurie Landsman	554 Ridgemoor Dr.	Elevator		\$ 975.00	R	07/27/16
16-191	07/07/16	Hinsdale Lake Com	6300 Kingery Hwy	Fire Alarm System		\$ 100.00	R	07/07/16
16-218	07/07/16	Jeff Marek	6129 Willowood Lane	Generator		\$ 75.00	R	07/07/16
16-223	07/13/16	Morgan Harbour	7510 South Madison	Interior Demolition	Morgan Harbour	\$ 500.00	C	07/13/16
16-260	07/27/16	Seventh Day Advent	619 Plainfield Road	Misc. Concrete		\$ 50.00	R	07/27/16
16-222	07/06/16	James Lobraco	6436 Garfield Ridge Ct	Paver Patio		\$ 75.00	R	07/06/16
16-246	07/22/16	Michael Scheri	248 Somerset Road	Paver Patio		\$ 50.00	R	07/22/16
16-232	07/22/16	Ralph Scumaci	7623 Brookbank Rd	Pool		\$ 395.00	R	07/22/16
16-243	07/22/16	Michelle Geoga	509 Ridgemoor Drive	Pool Cover		\$ 125.00	R	07/22/16
16-216	07/06/16	Roger Luesmann	760 Frontage Road	Reoccupancy	Specialty Stitch	\$ 200.00	C	07/06/16
16-238	07/13/16	Alan Braasch	621 Plainfield Rd	Reoccupancy	Continental Home	\$ 200.00	C	07/13/16
16-253	07/27/16	American Mattress	6300 Kingery Hwy	Reoccupancy		\$ 200.00	R	07/27/16
16-248	07/27/16	Matt Pollack	7604 Eleanor Place	Roof		\$ 35.00	R	07/27/16
16-220	07/06/16	Hyouon Choi	339 59th Street	Roof		\$ 35.00	R	07/06/16
16-221	07/06/16	Paul Laird	6242 Clarendon Hills Rd	Roof		\$ 35.00	R	07/06/16
16-227	07/07/16	Christine Rosinski	1 Clubhouse	Roof		\$ 50.00	R	07/07/16
16-242	07/22/16	Francis Tham	355 59th Street	Roof		\$ 35.00	R	07/22/16
16-233	07/22/16	Agrawal Pawan	421 Stonegate Ct	Roof		\$ 35.00	R	07/22/16
16-252	07/22/16	James Penitod	7619 Appletree Lane	Roof		\$ 35.00	R	07/22/16
16-247	07/22/16	Glenda Sharp	7641 Blueberry	Roof		\$ 35.00	R	07/22/16
16-237	07/22/16	Howard Lang	7718 Eleanor	Shed		\$ 50.00	R	07/22/16
16-239	07/22/16	Pulte Homes	6526 Clarendon Hills Rd	Storm Sewer Install		\$ 75.00	R	07/22/16
16-235	07/13/16	Omar Dweydari	858 75th	Tenant Improvements	King Kabob	\$ 1,000.00	C	07/13/16

Permit	Date Issued:	Name:	Address:	Permit Purpose:	Business Name:	Fee:	RES / COMM:	Date Released:
16-202	07/13/16	Michelle Geoga	509 Ridgemoor Drive	Water Heater		\$ 50.00	R	07/13/16
16-255	07/25/16	Pulte Homes	6526 Clarendon Hills Rd	Water Service Dis.		\$ 150.00	R	07/25/16
16-224	07/06/16	Cathy Pelegrino	6343 Raleigh Rd	Window Replacement		\$ 75.00	R	07/06/16

Date	JNL	Type	Description	Reference #	Debits	Credits	Balance
Fund 01 GENERAL FUND							
07/01/2016			01-00-310-401 BUILDING PERMITS		BEG. BALANCE		(41,225.18)
07/01/2016	CR	RCPT	Building Dept. Invoice 07/01/2016			675.52	(41,900.70)
07/05/2016	CR	RCPT	Building Dept. Invoice 07/05/2016			270.00	(42,170.70)
07/06/2016	CR	RCPT	Building Dept. Invoice 07/06/2016			150.00	(42,320.70)
07/07/2016	CR	RCPT	Building Dept. Invoice 07/07/2016			250.00	(42,570.70)
07/08/2016	CR	RCPT	Building Dept. Invoice 07/08/2016			1,525.00	(44,095.70)
07/11/2016	CR	RCPT	Building Dept. Invoice 07/11/2016			35.00	(44,130.70)
07/12/2016	CR	RCPT	Building Dept. Invoice 07/12/2016			1,095.00	(45,225.70)
07/12/2016	CR	RCPT	Building Dept. Invoice 07/12/2016			50.00	(45,275.70)
07/13/2016	CR	RCPT	Building Dept. Invoice 07/13/2016			1,050.00	(46,325.70)
07/13/2016	CR	RCPT	Building Dept. Invoice 07/13/2016			125.00	(46,450.70)
07/14/2016	CR	RCPT	Building Dept. Invoice 07/14/2016			7,098.60	(53,549.30)
07/14/2016	CR	RCPT	Building Dept. Invoice 07/14/2016			75.00	(53,624.30)
07/15/2016	CR	RCPT	Building Dept. Invoice 07/15/2016			200.00	(53,824.30)
07/18/2016	CR	RCPT	Building Dept. Invoice 07/18/2016			2,874.54	(56,698.84)
07/21/2016	CR	RCPT	Building Dept. Invoice 07/21/2016			61.55	(56,760.39)
07/21/2016	CR	RCPT	Building Dept. Invoice 07/21/2016			35.00	(56,795.39)
07/22/2016	CR	RCPT	Building Dept. Invoice 07/22/2016			1,401.04	(58,196.43)
07/25/2016	CR	RCPT	Building Dept. Invoice 07/25/2016			110.00	(58,306.43)
07/26/2016	CR	RCPT	Building Dept. Invoice 07/26/2016			515.00	(58,821.43)
07/27/2016	CR	RCPT	Building Dept. Invoice 07/27/2016			1,125.00	(59,946.43)
07/27/2016	CR	RCPT	Building Dept. Invoice 07/27/2016			285.00	(60,231.43)
07/28/2016	CR	RCPT	Building Dept. Invoice 07/28/2016			50.00	(60,281.43)
07/29/2016	CR	RCPT	Building Dept. Invoice 07/29/2016			110.00	(60,391.43)
07/31/2016			01-00-310-401	END BALANCE	0.00	19,166.25	(60,391.43)

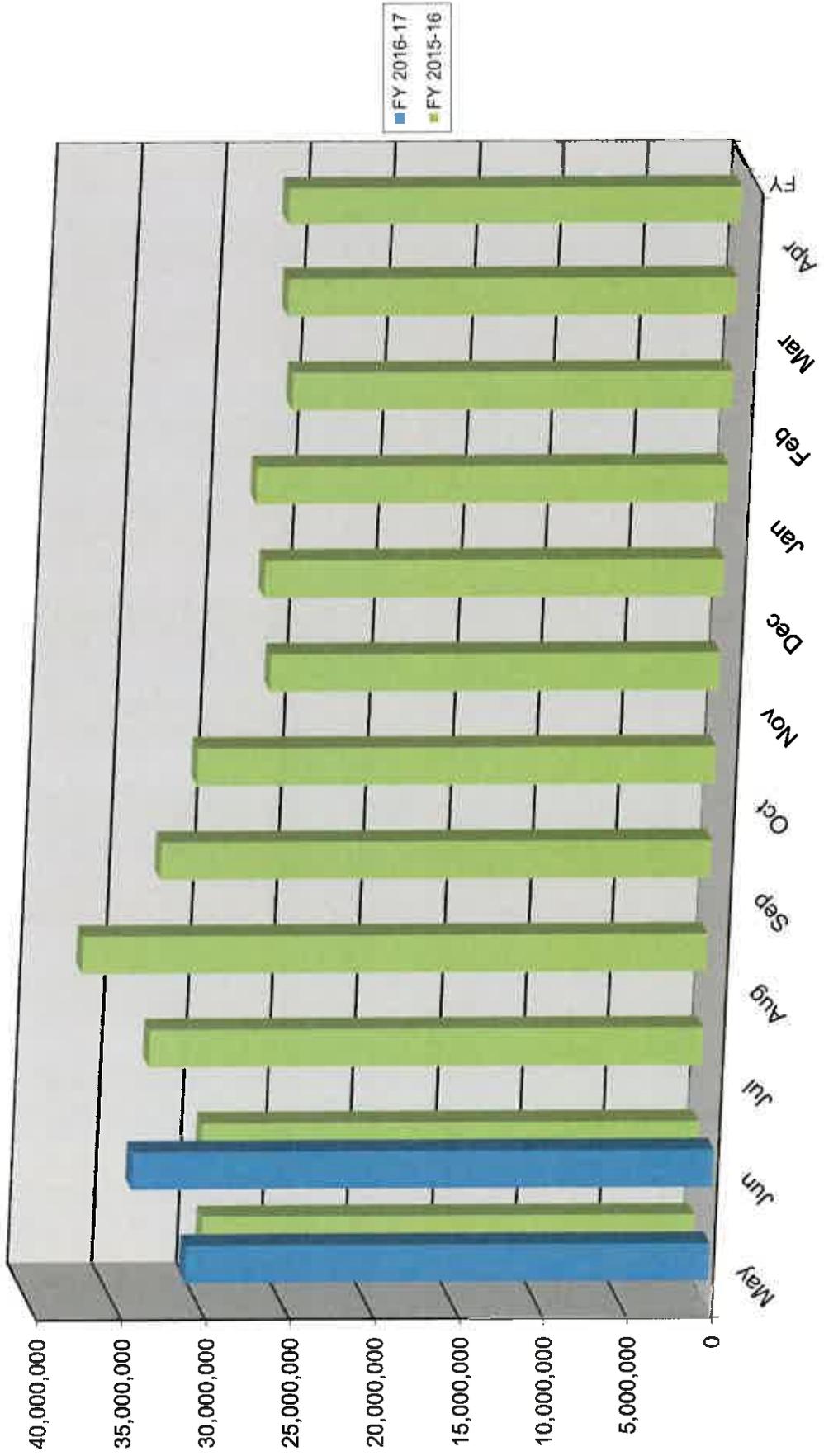
VILLAGE OF WILLOWBROOK - PUMPAGE REPORT
TOTAL GALLONS PUMPED
FY 2002/03 - FY 2016/17

Month	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
May	32,267,000	33,518,000	35,018,000	35,919,000	35,162,000	36,696,000	33,890,000	31,322,000	31,715,000	30,725,000	34,220,000	30,860,000	29,547,000	29,213,000	31,048,000
June	38,911,000	38,691,000	35,447,000	48,511,000	42,471,000	43,700,000	33,817,000	32,087,000	31,799,000	32,620,000	44,635,000	31,512,000	32,193,000	29,447,000	34,451,000
July	52,100,000	39,116,000	41,248,000	52,479,000	43,279,000	44,574,000	41,463,000	36,819,000	38,513,000	41,371,000	49,498,000	39,106,000	33,122,000	32,813,000	
August	44,167,000	40,433,000	41,059,000	47,861,000	41,114,000	38,778,000	43,017,000	38,516,000	38,745,000	35,639,000	40,272,000	41,448,000	32,796,000	36,985,000	
September	40,838,000	36,275,000	39,658,000	43,906,000	32,998,000	42,013,000	33,418,000	34,331,000	33,992,000	32,273,000	33,657,000	35,737,000	31,869,000	32,623,000	
October	33,128,000	31,667,000	33,765,000	35,009,000	31,937,000	34,612,000	30,203,000	28,919,000	33,789,000	29,892,000	30,283,000	29,226,000	28,728,000	30,690,000	
November	28,560,000	28,260,000	30,106,000	29,515,000	29,153,000	29,847,000	28,054,000	26,857,000	28,125,000	27,138,000	27,535,000	28,446,000	25,364,000	26,585,000	
December	30,503,000	29,133,000	32,786,000	31,086,000	30,102,000	31,435,000	29,568,000	28,931,000	29,257,000	28,643,000	27,863,000	29,847,000	26,710,000	27,194,000	
January	30,343,000	29,602,000	31,223,000	29,411,000	30,340,000	32,444,000	29,383,000	28,123,000	28,401,000	28,846,000	28,427,000	31,265,000	28,505,000	27,915,000	
February	27,216,000	28,755,000	26,768,000	27,510,000	29,078,000	29,470,000	26,629,000	25,005,000	24,988,000	26,635,000	24,308,000	29,230,000	25,484,000	26,048,000	
March	29,488,000	30,315,000	30,025,000	29,905,000	30,362,000	31,094,000	28,408,000	27,945,000	27,909,000	28,911,000	27,862,000	29,917,000	28,779,000	26,552,000	
April	29,845,000	29,350,000	29,478,000	30,452,000	29,468,000	30,239,000	27,193,000	27,793,000	27,145,000	34,220,000	27,514,000	28,101,000	25,255,000	26,791,000	
TOTAL	417,366,000	395,115,000	406,581,000	441,564,000	405,464,000	424,902,000	385,043,000	366,648,000	374,378,000	376,913,000	396,074,000	384,695,000	348,352,000	352,856,000	65,499,000

YEAR TO DATE LAST YEAR (gallons):	58,660,000
YEAR TO DATE THIS YEAR (gallons):	<u>65,499,000</u>
DIFFERENCE (gallons):	<u>6,839,000</u>
PERCENTAGE DIFFERENCE (+/-):	11.66%
FY16/17 PUMPAGE PROJECTION (gallons):	350,000,000
FY16/17 GALLONS PUMPED TO DATE:	<u>65,499,000</u>
CURRENT PERCENTAGE PUMPED COMPARED TO	18.71%

All table figures are in millions of gallons sold on a monthly basis per fiscal year.

Monthly Pumpage Chart



Village of Willowbrook Pumpage Report

