

**Legistar: 200184**  
**DISTRICT # 1**

**VILLAGE OF LOMBARD**  
**REQUEST FOR BOARD OF TRUSTEES ACTION**  
For Inclusion on Board Agenda

      X       Resolution or Ordinance (Blue) \_\_\_\_\_ Waiver of First Requested  
\_\_\_\_\_ Recommendations of Boards, Commissions & Committees (Green)  
\_\_\_\_\_ Other Business (Pink)

**TO:** PRESIDENT AND BOARD OF TRUSTEES

**FROM:** Scott Niehaus, Village Manager

**DATE:** June 4, 2020 (COW) (B of T) **Date:** June 18, 2020

**TITLE:** Downtown Lombard Sidewalk Improvement Project  
Professional Engineering Services

**SUBMITTED BY:** Carl Goldsmith, Director of Public Works *g*

**BACKGROUND/POLICY IMPLICATIONS:**

Contract for engineering services to design the Downtown Lombard Sidewalk Improvement Project

**FISCAL IMPACT/FUNDING SOURCE:**

Total Contract Amount: \$50,180

Project Number: ST 20 05

Account: Downtown TIF Fund: 440.740.740.75350 (\$50,180)

Review (as necessary):

Village Attorney X _____	Date _____
Finance Director X _____	Date _____
Village Manager X _____	Date _____

**NOTE:** All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.



June 4, 2020

**TO:** Village Board of Trustees

**THROUGH:** Scott Niehaus, Village Manager

**FROM:** Carl S. Goldsmith, Director of Public Works *g*

**SUBJECT:** **Downtown Lombard Sidewalk Improvement Project**

### **Background**

As a follow-up to a memo prepared by staff dated September 11, 2017, the Public Works Department is in the process of evaluating options to repair/replace the brick pavers in downtown Lombard. The Village installed the brick paver sidewalks, tree vaults and streetscape elements throughout the downtown in 1995. There is roughly 35,000 square feet of brick paver surface in the downtown. Due to growth of the trees and base failures, there are areas in the walking surface that are heaved and uneven. While these areas do not constitute a trip hazard based upon State Statute or Village Board Policy, the Village does perform frequent maintenance to reset the bricks to minimize the potential for injury.

The September 11, 2017 memo provided several options to address this issue. A summary of the options can be found below:

- Option #1 Resetting of Brick Pavers - Continue to fund the maintenance of sidewalks at a cost of roughly \$10,000/year since 2015. This funding level allows the Village to address approximately 3,000 square feet of sidewalk annually.
- Option #2 Replacement of Brick Pavers – To address the deficient conditions, staff offers a wholesale replacement of the brick pavers. This project would include the removal of all brick pavers, construction of a concrete base for new interlocking pavers. The estimated cost for the project would be \$1,000,000. An example of the design anticipated (*the Glen Town Center, Glenview, IL*) can be found to the right:
- Option #3 Concrete Sidewalk Surface – In lieu of the brick pavers, staff has developed a cost estimate of \$849,000 for the removal of the brick pavers and placing traditional concrete sidewalks throughout the downtown area. While the concrete would lose the “charm” of the bricks, maintenance costs and potential for trip hazards would be decreased.



Staff has received direction from the Village Manager to move forward with the sidewalk improvement project. Given the expiration of the TIF in 2023 and the lower volume of foot traffic in downtown Lombard due to the COVID19 pandemic, the advancement of the project.

The project is anticipated that the Village will maintain the existing roadway curb, with minimal improvements to address specific damage and/or critical ADA design requirements. Likewise, the existing concrete ribbon curb adjacent to the buildings is proposed to remain. In order to minimize future settlement of the pavers, staff is recommending that the design incorporate a concrete walking surface with brick pavers inlaid into the concrete surface. The paver area is expected to extend from the edge of the tree vaults to the curb line, as depicted in the image above. It is intended that decorative or streetscape elements will be placed in the brick paver area and the walking surface will be concrete.

The project area will include the St. Charles Road corridor from Main Street west to Elizabeth, including Park Avenue. A supplemental area will include Michael McGuire Drive.



The scope of services that will be provided by Robinson Engineering will include the following:

- **Data Collection/Topographic Survey**
  - Ensure that building entrances, sidewalks and crosswalks are designed in accordance with the Illinois Accessibility Code and the Americans with Disability Act.

- **Preliminary Design**
  - Robinson Engineering will coordinate with utility companies to verify location and depth of utilities
- **Final Design**
  - Following review and acceptance of the preliminary design by VOL, detailed design plans and bidding documents will be prepared for the proposed improvements.
  - Based upon the selected design, the engineer will provide the Village with a final Engineer's Estimate of Probable Construction Costs.
  - The engineer will prepare the plans and specification to be used for the bidding of the construction contract.
- **Permitting**
  - Based upon the project area, it is not anticipated that a stormwater permit issued by DuPage County will be necessary; however, in accordance with the Village's National Pollutant Discharge Elimination System (NPDES) general permit, a Notice of Intent (NOI) will also be submitted by the engineer to the IEPA along with the project's Stormwater Pollution Prevention Plans (SWPPP).

The fee proposal submitted by Robinson Engineering is in the amount of \$50,180, which represents 5.018% of the anticipated construction costs. This figure is in line with the typical fees associated with this type of work effort. Additional fees of \$13,700 would be needed if the Village includes the Supplemental Area (McGuire Drive) into this project. The proposal sets a schedule of 6 weeks for the design effort to be completed. As such, we anticipate that construction could occur in mid-August to allow for construction late summer-fall 2020.

Staff has reviewed previous planning documents for the downtown and believes the proposed design of the sidewalks complies with the design standards set forth as a target by the past efforts. The Village will engage property owners/merchants during the design process. The proposal from Robinson includes three (3) project coordination meetings that can include property owners/merchants. It is anticipated that the design standard selected for this area will be extended to other areas that have brick pavers in future phases of the project.

I respectfully request that this item be placed on the Village board agenda for consideration at the June 18, 2020 meeting. Please contact me with any questions or comments.

### **Recommendation**

Staff recommends that the Village President and Board of Trustees approve a contract with Robinson Engineering of Itasca Illinois in the amount of \$50,180 for the St. Charles Road Sidewalk Improvement Project.



**R E S O L U T I O N**  
**R \_\_\_\_\_ 20**

**A RESOLUTION AUTHORIZING SIGNATURE OF**  
**PRESIDENT AND CLERK ON AN AGREEMENT**

**WHEREAS**, the Corporate Authorities of the Village of Lombard have received a Contract between the Village of Lombard, and Robinson Engineering regarding engineering services related to the Downtown Lombard Sidewalk Improvement Project as attached hereto and marked Exhibit "A", and

**WHEREAS**, the Corporate Authorities deem it to be in the best interest of the Village of Lombard to approve such Contract.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS as follows:

**SECTION 1:** That the Village President be and hereby is authorized to sign on behalf of the Village of Lombard said Contract as attached hereto.

**SECTION 2:** That the Village Clerk be and hereby is authorized to attest said Contract as attached hereto.

Adopted this 18<sup>th</sup> day of June, 2020.

Ayes; \_\_\_\_\_

Nays: \_\_\_\_\_

Absent: \_\_\_\_\_

Approved this 18<sup>th</sup> day of June, 2020.

\_\_\_\_\_  
**Keith Giagnorio**  
**Village President**

ATTEST:

\_\_\_\_\_  
**Sharon Kuderna**  
**Village Clerk**



Jennifer S. Prinz, P.E.  
Direct line: (708) 210-5687  
Email: jprinz@reltd.com

June 2, 2020

Project 15-078.20

Village of Lombard Public Works  
1051 Hammerschmidt Avenue  
Lombard, Illinois 60148

Attention: Carl Goldsmith  
Director of Public Works

**RE: St. Charles Road Sidewalk Improvements - West Half**

Dear Mr. Goldsmith:

Robinson Engineering, Ltd. (REL) is pleased to present this proposal for professional engineering services to assist the Village of Lombard (VOL) with the design engineering for the St. Charles Downtown Sidewalk Improvements – West Half.

**PROJECT OVERVIEW**

The Village of Lombard has existing paver sidewalks within the downtown area, along St. Charles Road between Elizabeth and Grace Streets. The pavers generally end at the radius along most of the intersecting streets, with the exception of Elizabeth Street, Lincoln Avenue, Park Avenue, and Main Street where they extend north and south for a short distance. In addition, paver walkways are found along Michael McGuire Drive, just north of the UPP railroad tracks. Over the years, the paver walks have settled and created maintenance issues for Public Works. The Village desires to improve the walkways with a combination of concrete walk and decorative paver surfaces to improve the aesthetics and functionality of the downtown area. The Village's intent is to maintain the existing roadway curb, with only minimal improvements to address specific damage and/or critical ADA design requirements. Similarly, the adjacent concrete ribbon curb along the buildings is proposed to remain. To minimize potential for paver settlement, the pavers will be placed upon a hardscape base (currently anticipated as concrete). Existing tree vaults within the project area will generally remain; however, we understand that the Village Forester is recommending removal of a portion of the trees and vaults areas.

As proposed improvements are limited to paver walkway areas, no significant undercutting is anticipated and therefore no soil borings or specific Clean Construction Debris Disposal (CCDD) testing is proposed. CCDD testing needs will be included in the construction cost estimates to be performed during the construction phase with construction engineering (i.e. LPC-663). The Village may also desire to screen the materials and provide LPC-662 if appropriate.

At the present time, the Village is requesting design engineering to address only the western portion of the corridor, from Elizabeth to Main Street. It is our understanding that a future project will address the remaining corridor, Main Street east to Grace Street. The Village desires to complete the design and construction yet in 2020, while pedestrian traffic volumes are low due to the current pandemic. The project costs are anticipated to be funded by local TIF fund.

### **WORK PLAN**

Based upon the above described project overview, we have developed the following scope of services:

#### **Data Collection/Topographic Survey**

Collection of available data from the Village, including relevant GIS information, water/sewer atlases, service line data, and as-built plans for area utilities and lighting facilities will be performed. Once this data has been collected and reviewed, detailed topographic field survey will be performed. The detailed topographic survey will collect data for the rights-of-way (ROW) within the **project limits** (see below).



Special attention will be provided to building entrances and existing curbs, to properly design for ADA requirements. It is envisioned that no utility structure data (i.e. verification of pipe sizes, inverts and connectivity) will be required.

The field survey will be performed under the direction of an Illinois-licensed surveyor typically by an experienced 1-person survey crew utilizing Trimble GPS/GNSS devices along with fully robotic Trimble total stations to establish control and conduct detailed topographic measurements. All electronic field data and existing conditions data will be processed utilizing commercially licensed AutoCAD software.

### **Preliminary Design**

Initial coordination with utility companies to verify pipelines, gas, electric, phone and cable TV facilities within proposed project limits will be performed as part of the preliminary design.

The design will be prepared in accordance with typical MFT standards and VOL design guidelines, ADA accessible sidewalk facilities, curb and gutter replacement (limited as necessary) and decorative sidewalks for the project area. Potential cross slope issues will largely be addressed via variations in the decorative paver strips.

Based on the fully developed condition of the project area, it is anticipated that none of the following will be encountered and no hours have been included in our scope to address these issues:

- ROW/Easements
- Specific zoning, deed or land use restrictions or Section 401 park lands
- Wetlands, floodplains or unsuitable soils
- Historic preservation or archaeologically significant sites
- Need for offsite storm sewer extensions
- Utility redesign including streetlight relocations

Should any ROW/easements be required, or any other of the preceding special circumstances become relevant, they will be identified. A meeting will be held with Village staff following collection/processing of the field topography and preliminary design, to discuss potential concerns relative to ADA, ROW/Easements, etc.

### **Final Design**

Following review and acceptance of the preliminary design by VOL, detailed design plans and bidding documents will be prepared for the proposed improvements. Project Specifications and Special Provisions will also be developed, along with a final Engineer's Estimate of Probable Construction Costs. It is anticipated that the following plan sheets will be prepared at 1" = 20' scale:

- Cover Sheet I Project Location Map
- Summary of Quantities/General Notes (quantities broken by block)
- Typical Cross Sections
- Demolition/Erosion Control Plan
- Detailed Sidewalk Grading Plans
- Plan and Profile
- Storm Water Pollution Prevention Plan
- Decorative Sidewalk/Landscaping Plan
- Construction Details

Final design plans will also be sent to private utility companies to ensure they are aware of the Village's project scope and anticipated schedule. Two 24"x36" and half-scale 12"x18" plan sets will be provided to VOL along with a CD containing electronic copies of project files, drawings and supporting documentation.

### **Permitting**

The proposed project involves to removal and replacement of existing impervious compacted paver walk areas within the Village ROW. The limited removal of existing tree vaults, as noted by the Village (15 or less), is anticipated to result in less than 500 SF of "new" impervious area. Based on this, no stormwater



permitting is required under the DuPage County Stormwater Management Ordinance and is not included in the design proposal.

In accordance with the State of Illinois National Pollutant Discharge Elimination System (NPDES) general permit, a Notice of Intent (NOI) will also be submitted to IEPA along with the project's SWPPP, as the disturbances are anticipated to be close to one acre.

#### **Meetings**

Project status meetings will be held periodically with the Village to review project status and address questions. It is anticipated that up to three (3) project coordination meetings will be held with Village staff to update project status and discuss improvement alternatives.

#### **Engineering Fee**

We propose to complete all tasks outlined in the preceding scope of services based on the following breakdown:

<b>TASK CATEGORY</b>	<b>Est. Man-Hrs.</b>	<b>Engineering Fee</b>
<b>Data Collection/Survey/Field Topography</b>	<b>144</b>	<b>\$17,470</b>
<i>Surveyor</i>	<i>26</i>	
<i>Field Crew</i>	<i>74</i>	
<i>CADD</i>	<i>40</i>	
<i>Engineering</i>	<i>4</i>	
<b>Preliminary Design</b>	<b>66</b>	<b>\$8,270</b>
<i>CADD</i>	<i>32</i>	
<i>Engineering</i>	<i>28</i>	
<b>Final Design</b>	<b>178</b>	<b>\$22,180</b>
<i>CADD</i>	<i>96</i>	
<i>Engineering</i>	<i>82</i>	
<b>Bid Documents/Bidding</b>	<b>16</b>	<b>\$2,260</b>
<i>Administration</i>	<i>6</i>	
<i>Engineering</i>	<i>10</i>	
<b>TOTAL</b>		<b>\$50,180</b>

Please note that this design fee includes the streetscaping design for the project area only. The design engineering for the Supplemental Area, if included with the current project could be performed for an additional: **\$13,700** (108 hrs. = 32 hrs. Survey/Topography, 20 hrs. Prelim Design, & 56 hrs. Final Design)

#### **Exclusions:**

1. Land acquisition costs, preparation of plats of easements or ROW Dedications (if needed)
2. Permit fees or costs
3. ROW/Easements
4. Specific zoning, deed or land use restrictions or Section 401 park lands
5. Wetlands, floodplains or unsuitable soils
6. Historic preservation or archaeologically significant sites
7. Need for offsite storm sewer extensions
8. Utility redesign including streetlight relocations

This proposal is for Design Engineering only. Construction Engineering, if desired, would be performed under a separate agreement.

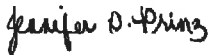
**Schedule**

Following receipt of signed proposal and Notice to Proceed, we anticipate design to take approximately 6-weeks. Allowing an additional 3-weeks for review and bidding, the project could be ready to award early-mid August to allow for construction late summer-fall 2020. Inclusion of the Supplemental Area in anticipated to add an additional 2-3 weeks to the design schedule.

The attached Standard Terms and Conditions are also part of our proposal. We will commence work immediately upon receipt of a signed proposal. We thank you for the opportunity to continuing to serve you and the Village of Lombard on this project.

Very truly yours,

**ROBINSON ENGINEERING, LTD.**



Jennifer S. Prinz, PE  
Director of Engineering  
SPK:pc

ACCEPTED:

**VILLAGE OF LOMBARD, IL**

By \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**ROBINSON ENGINEERING, LTD ("REL")**  
**STANDARD TERMS AND CONDITIONS**

**CONTRACT** – These Standard Terms and Conditions may be amended, added to, superseded, or waived only if both REL and Client specifically agree in writing to any amendment of these Terms and Conditions ("Agreement").

**STANDARD OF CARE** - The standard of care for all professional engineering, survey or related professional services performed or furnished by REL under this Agreement will be the care and skill ordinarily used by members of the same profession practicing under similar circumstances at the same time and in the same locality. REL makes no warranties, express or implied, under this Agreement or otherwise, in connection with REL's services on this Project.

**RELIANCE** – REL may, without liability, rely on the accuracy and completeness of information provided by Client, Client's consultants and any contractors, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards without the need for verification.

**CHANGES IN SCOPE** – The proposed fees constitute REL's estimate to perform the services required to complete the Project. However, all required services are not always definable in the initial planning. Accordingly, circumstances may dictate a change in the scope of services to be performed. Where this occurs, changes in the Agreement shall be negotiated, an equitable adjustment shall be made to REL's compensation and agreed to in writing by REL and Client.

**DELAYS** – REL shall complete its obligations within a reasonable time. If, through no fault of REL, such periods of time or dates are changed, or the orderly and continuous progress of REL's services is impaired, or REL's services are delayed or suspended, then the time for completion of REL's services, and the rates and amounts of REL's compensation, shall be adjusted equitably.

**SUSPENSION & TERMINATION** – Client may suspend the Project upon seven (7) days written notice to REL. If REL's services are substantially delayed through no fault of REL, REL may suspend services after giving seven (7) days written notice to Client. Either party may terminate this agreement upon thirty (30) days written notice to the other party in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.

Client shall remain liable for, and shall promptly pay REL for all services rendered to the date of such suspension/termination of services plus suspension/termination charges incurred by REL. Suspension/termination charges include the cost of assembling documents, personnel and equipment rescheduling or reassignment, and commitments made to others on Client's behalf.

**OPINION OF PROBABLE COSTS** - REL's opinions of probable Construction Cost are to be made on the basis of REL's experience and qualifications and represent REL's best judgment as an experienced and qualified professional generally familiar with the construction industry. However, since REL has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, REL cannot and does not guarantee that proposals, bids, or actual Construction Cost shall not vary from opinions of probable Construction Cost prepared by REL.

**REUSE OF PROJECT DELIVERABLES** - All design documents prepared or furnished by REL are instruments of service, and REL retains all ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed. Client shall not rely in any way on any Document unless it is in printed form, signed and sealed by REL or one of its Consultants.

**RIGHT OF ENTRY** – Client agrees to obtain legal right-of-entry on the property when entry to property is required by the work of this Agreement.

**ENVIRONMENTAL CONDITIONS OF SITE** - REL's scope of services does not include any services related to any environmental issues related to the site including petroleum, radioactive material, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, or regulated by any Federal, State, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning any hazardous, toxic, or dangerous waste, substance, or material.

**RELATIONSHIP WITH CONTRACTORS** – REL shall not at any time supervise, direct, or have control over any contractor's work, nor shall REL have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, nor for safety precautions and programs in connection with the contractors' work, nor for any failure of any contractor to comply with laws and regulations applicable to contractor's work. REL neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work. REL shall have no authority to stop the work of any contractor on the Project.

**LIMITATION OF LIABILITY** – REL's total liability to Client for any and all claims for damages whatsoever, arising out of or in any way related to the Project or this Agreement, from any cause or causes, including but not limited to REL's negligence, errors, omissions, strict liability, or breach of contract, shall be limited as follows: REL's total liability shall not exceed the lesser of (1) \$1,000,000 (one million dollars) or (2) the remaining limits of any policy of insurance which provides coverage for the Client's cause or causes of action, such remaining limits to be measured as of the date judgment is entered against REL or the date when Client and REL otherwise settle/resolve the cause or causes of action.

**INSURANCE** – REL shall maintain insurance coverage for Professional, Commercial General, Automobile, Worker's Compensation and Employer's Liability in amounts in accordance with any legal requirements and REL's business requirements. Certificates of Insurance shall be provided by REL upon written request.

**MUTUAL WAIVER** – To the fullest extent permitted by law, Client and REL waive against each other, and the other's employees, officers, directors, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Project.

**GOVERNING LAW, JURISDICTION & VENUE** – This Agreement shall be governed by, and construed in accordance with, the laws of the State of Illinois. Further, the parties agree and consent to the exclusive jurisdiction of the courts of the State of Illinois for all purposes regarding this Agreement and that venue of any action brought hereunder shall be exclusively in Cook County, IL.

**NON-ENFORCEMENT** – A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

**ASSIGNMENT** – A party shall not assign its rights or obligations pursuant to this Agreement without the express written permission and consent of the other party. This Agreement shall be binding upon and inure to the benefit of any permitted assigns.

**SURVIVAL** – All express representations, waivers, indemnifications, and limitations of liability included in this Agreement shall survive its completion or termination for any reason.

**THIRD PARTIES** - Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by Client or REL to any Contractor, Contractor's subcontractor, supplier, other individual or entity, or to any surety for or employee of any of them. All duties and responsibilities undertaken pursuant to this Agreement shall be for the sole and exclusive benefit of Client and REL and not for the benefit of any other party.

**SEVERABILITY** - Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Client and REL, who agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that expresses the intention of the stricken provision.

**STATUTE OF LIMITATIONS** – to the fullest extent permitted by law, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence to run, no later than the date of Substantial Completion of this Agreement.

**CONFLICTS** - If a conflict exists between the Agreement provisions and these Standard Terms and Conditions then these Standard Terms and Conditions shall prevail and control.

Client's Initial: \_\_\_\_\_

Date: \_\_\_\_\_

10/2014