

**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:** November 21, 2025 (COW) (B of T) **Date:** December 4, 2025

**TITLE:** Yorktown Center Pedestrian and Bicycle Improvements Study Design Services

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

**BACKGROUND/POLICY IMPLICATIONS:**  
Contract for the Design Services related to the Yorktown Center Pedestrian and Bicycle Improvements Study.

**FISCAL IMPACT/FUNDING SOURCE:**  
Total Contract Amount: \$126,467.05  
Account: Butterfield Road Tax Increment Financing (TIF) Fund: 443.740.743.75770

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, before the Agenda Distribution.



November 21, 2025

TO: Village President and Board of Trustees

THROUGH: Scott Niehaus, Village Manager

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

SUBJECT: Yorktown Center Pedestrian and Bicycle Improvements Study

Attached are the resolution, contract, and fee schedule for design efforts related to improvements related to pedestrian and bicycle circulation around Yorktown Mall.

### **Background**

The Village and Yorktown Mall have been actively working on development activities in and around the mall. With the significant increase in residential dwelling units adjacent to the mall, the need to improve pedestrian access for residents of these developments and the general population is a concern for both access and public safety. The Village and Yorktown recently agreed to improvements to existing pavement and markings and signage at the mall to ensure compliance with Federal, State and local regulations. This work is anticipated to be completed in Spring 2026. The next phase of the contemplated improvements is to design long term pedestrian and access improvements that will create a safer and more friendly environment for the area. To that end, the Village has sought a proposal from Civiltech Engineering, Inc., an engineering firm that is on the Village's short-list of design engineers to develop plans for future improvements at the mall.

The scope of services included in the attached proposal from Civiltech includes the following:

1. **Kick-Off Meeting & Visioning Meetings** - This phase will allow Civiltech an opportunity to gain an understanding of what success looks like for the Village and Yorktown. This phase will lead to the development of a project timeline, key milestones and establishment of a consensus on deliverables that will be most useful.
2. **Existing Conditions Analysis** – Civiltech will review various plans and studies for the Yorktown Mall and Butterfield Road corridor. A highlevel investigation of parking requirements and utilization will be undertaken using available parking data gathered from the Village or Yorktown Center ownership. Civiltech will conduct site visits during two peak periods to observe traffic, pedestrian, and bicycle activity.
3. **Stakeholder Engagement** – This phase will identify key stakeholders to the process and develop a communications strategy to communicate with the stakeholders throughout the process. The phase includes developing a project webpage on the Village's website that can serve as resource and reference point for all project materials, along with a project fact sheet.

4. **Concepts Development** - Building on information gathered through the first 3 tasks, Civiltech will develop design concepts that improve safety for all Yorktown Center patrons, enhance local connectivity and accessibility, and improve walkability and the pedestrian environment. The goal of these designs are to identify improvements that integrate Nature-Based Solutions into the design concepts, which may include treatments such as green parking lots, bioswales, filter strips, tree canopy covers, and native vegetation in the medians and parkways. Emphasis will also be on creating a sense of place for the mall that transforming public spaces into vibrant, people-centered places that promote community well-being and connection.
5. **Recommended Concept, Plan and Implementation Strategy** - Civiltech will develop an implementation strategy that helps plan the next stages of Yorktown Center's transformation. The implementation section will include then following:
  - A map and accompanying spreadsheet or table detailing the phasing of recommendations (e.g., civil, landscaping/ placemaking) by near-, mid-, and longer-term
  - Planning-level cost estimates for seeking grant opportunities and programming into the Village's budget
  - Spreadsheet connecting projects to specific grant opportunities:

Civiltech was selected for this assignment based upon their expertise in similar projects and experience working on capital projects for the Village of Lombard. Once the Civiltech study is complete, the Village and Yorktown will develop a plan for construction of the projects identified in the plan. The Village anticipates that this will be a multi-year process with work done in conjunction with other planned improvements at Yorktown.

Should you have any questions, please feel free to contact me .

### **Award**

The scope and fee for the Yorktown Center Pedestrian and Bicycle Improvements Study were negotiated and agreed to by both parties. The fee for engineering services is \$126,467.05. Project financing is through the Butterfield Road Tax Increment Financing (TIF) Fund.

Please present this contract to the President and Board of Trustees at their regular meeting of December 4, 2025. If approved, please return one original signed copy to Public Works-Engineering for further processing.

**RESOLUTION**  
**R \_\_\_\_\_ 25**

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

**WHEREAS**, the Corporate Authorities of the Village of Lombard have received a proposal from Civiltech Engineering, Inc., regarding design services related to the Yorktown Center Pedestrian and Bicycle Improvements Study 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 proposal as attached hereto.

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

Adopted this 4<sup>th</sup> day of December, 2025.

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

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

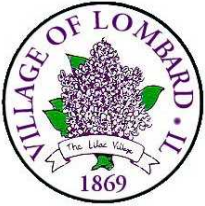
Absent: \_\_\_\_\_

Approved this 4<sup>th</sup> day of December, 2025.

\_\_\_\_\_  
**Anthony Puccio**  
**Village President**

ATTEST:

\_\_\_\_\_  
**Ranya Elkhatib**  
**Village Clerk**



## VILLAGE OF LOMBARD

### CONTRACT

#### CONTRACT DOCUMENT

This agreement is made this the 4<sup>th</sup> day of December, 2025, between and shall be binding upon the Village of Lombard, an Illinois municipal Corporation hereinafter referred to as the "VILLAGE" and Civiltech Engineering, Inc. hereinafter referred to as the "CONTRACTOR" and its successors.

Witnessed, that in consideration of the mutual promises of the parties delineated in the contract documents, the CONTRACTOR agrees to perform the services and the VILLAGE agrees to pay for the following services as set forth in the contract documents:

#### **YORKTOWN CENTER PEDESTRIAN AND BICYCLE IMPROVEMENTS STUDY**

1. This contract shall embrace and include all applicable contract documents listed below as if attached hereto or repeated herein:
  - i. Contract document for Yorktown Center Pedestrian and Bicycle Improvements Study, consisting of the following:
    - a. Contractor proposal for the Yorktown Center Pedestrian and Bicycle Improvements Study
2. The Village agrees to pay, and the Contractor agrees to accept as full payment for the study, which are the subject matter of this contract the total sum of \$126,467.05 paid in accordance with the provisions of the Local Government Prompt Payment Act.
3. The Contractor represents and warrants that it will comply will all applicable Federal, State and local laws concerning prevailing wage rates and all Federal, State and local laws concerning equal employment opportunities.
4. The Contractor shall commence work under this Contract upon written Notice to Proceed from the Village and shall complete work on this project within 15 calendar days from the date of the Notice to Proceed. Time is of the essence of this Contract and Contractor agrees to achieve completion within the contract time by all proper and appropriate means including working overtime without additional compensation.
5. This Contract represents the entire Agreement between the parties and may not be modified without the written approval of both parties.

IN WITNESS WHEREOF, the Village of Lombard, Illinois by Anthony Puccio, Village President, and the Contractor have hereunto set their hands this 4<sup>th</sup> day of December, 2025.

If an individual or partnership, all individual names of each partner shall be signed or if a corporation, an officer duly authorized shall sign here:

Accepted this 21st day of November, 2025.

Individual or Partnership \_\_\_\_\_ Corporation X

\_\_\_\_\_  
By Position/Title

\_\_\_\_\_  
By Position/Title

Michael J. Folken  
Civiltech Engineering, Inc.

THE VILLAGE OF LOMBARD, ILLINOIS

Accepted this \_\_\_\_\_ day of December, 2025.

\_\_\_\_\_  
Anthony Puccio  
Village President

Attest:

\_\_\_\_\_  
Ranya Elkhatib  
Village Clerk



# Village of Lombard Yorktown Center Pedestrian and Bicycle Improvements Study

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## Scope of Services

The anticipated geographic boundary of this study includes Yorktown Center, with a focus on the ring road, along with the access roads leading into Yorktown Center (e.g. Fairfield Ave, Yorktown Mall Dr, Grace St). The purpose of this project is to evaluate the bicycle and pedestrian connectivity to and within Yorktown Center and develop concepts to improve multi-modal access for these users.

### Item 1 – Kick-Off Meeting & Visioning

We will begin by listening to the goals of the Village of Lombard in a kick-off meeting. This will also consist of a visioning session to gain an understanding of what success looks like for the Village. We will complement this with a study overview and visioning session with the Village and Yorktown Center. We will use these conversations to develop the project timeline, key milestones and come to a consensus on deliverables that will be most useful and implementable. As part of these meetings a site visit with the Village and potentially Yorktown Center will provide on-the-ground insights and feedback to shape future improvements.

#### **Deliverables:**

- a. Kick-Off Meeting and Visioning Session with the Village & Meeting Minutes
- b. Virtual Meeting with the Village and Yorktown Center & Meeting Minutes
- c. Project Team Site Visit

### Item 2 – Existing Conditions Analysis

**Plan Review:** Our team will review the Village's various plans and policies (e.g. Lombard Village-wide Bicycle and Pedestrian Master Plan (2016), Village of Lombard Comprehensive Plan (2014), Yorktown Center's plans and design guidelines, and other regional plans (e.g. CMAP's Butterfield Road Corridor Plan) to guide our understanding





of the existing state and vision the Village has for access, connectivity and growth in this area.

**Data Analysis:** We will supplement key findings from these previous plans efforts by coordinating with the Village and researching other local and regional datasets that will help us quantitatively and spatially understand where improvement opportunities exist (e.g. existing transportation facilities - including bike and pedestrian facilities, Pace stops and ridership, crash data, current and upcoming developments).

Completed studies, including recommendations from KLOA, will be reviewed. A high-level investigation of parking requirements and utilization will be undertaken using available parking data gathered from the Village or Yorktown Center ownership. Engineering staff will visit the site during two peak periods to observe traffic, pedestrian, and bicycle activity.

**Case Studies:** We will complete a review of successful shopping centers in the Midwest and Chicagoland area, specifically those transforming into mixed-use developments. This will provide an avenue to review how different modes of transportation can coexist and support shopping centers to enhance safety, connectivity, and vitality.

**Deliverables:**

- a. Existing Conditions Data Requests
- b. Up to two Site Visits
- c. Existing Conditions Memo, including Case Studies

### Item 3 – Stakeholder Engagement

Engaging those who own, operate and use this space is essential to develop a plan that best fits the needs of the Village, Yorktown Center, and the larger community.

**Stakeholder Involvement Plan:** We will work with the Village to create a Stakeholder Involvement Plan and Stakeholders List from the beginning of the study. This will allow us to develop a cohesive communications strategy and to ensure we are engaging necessary stakeholders at key milestones.

**Project Website:** A project webpage on the Village's website will be created as a resource and reference point for all project materials, along with a project fact sheet. This would include a project overview, timeline, potential input opportunities, design concepts, and recommended concept.





**Yorktown Center Coordination Meetings:** In addition to the kick-off meeting with Yorktown Center, we will engage them four times throughout the project process. These will take place to review existing conditions, potential concepts, and the recommended concept.

**Stakeholder Meetings:** Three meetings will be reserved for key stakeholders, as needed. These virtual, one-on-one meetings would provide time to meet with a specific tenant, developer, etc.

**Community Open House:** An open house will be held to share design concepts and receive feedback from the community.

**Deliverables:**

- a. Stakeholder Involvement Plan
- b. Stakeholders List
- c. Project Website
- d. Yorktown Center Community Meetings (4)
- e. Stakeholder Meetings (3)
- f. Community Open House (1)
- g. Stakeholder Engagement Section in Final Report

## Item 4 - Concepts Development

Building on our data analysis, stakeholder engagement, on-the-ground observations and Village priorities, we will develop design concepts that improve safety for all Yorktown Center patrons, enhance local connectivity and accessibility, and improve walkability and the pedestrian environment. This will include both recommendations throughout the study area, including potential cross sections, as well as design concepts at key locations, as determined by the project team and Village.

**Nature-based Solutions:** To build on Yorktown Center's redevelopment vision, improve the pedestrian environment, and provide environmental benefits, we will look for opportunities to integrate Nature-Based Solutions into the design concepts. These could include green parking lots, bioswales, filter strips, tree canopy covers, and native vegetation in the medians and parkways.

**Placemaking:** Our team will lead a collaborative placemaking design process with the goal of transforming public spaces into vibrant, people-centered places that promote community well-being and connection. Through Village and stakeholder meetings, we will create design details that create a unique sense of place and spaces that



encourage walking, biking and recreation. We will review the possibilities of converting and activating vacant space into parcels that enhance the pedestrian environment, as well as exploring ways to repurpose underutilized parking areas by transforming them into activated pedestrian spaces.

**Visualizations:** Our team will develop three photorealistic 3D renderings of proposed designs to illustrate solutions. Our photorealistic renderings will include a variety of eye-level and birds-eye views to showcase proposed ideas at appropriate scales and vantage points that will provide a better understanding of how proposed improvements will look within the existing context.

**Deliverables:**

- One aerial exhibit, illustrating recommendations throughout the study area
- Up to three roadway cross section exhibits
- Up to two location-specific pedestrian & bicycle design concepts
- Up to two placemaking concepts
- Up to three renderings

## Item 5 - Recommended Concept, Plan and Implementation Strategy

Following the review of design concepts, we will finalize the recommended concept, refine concept visualizations, complete engineering analysis, and develop implementation and funding strategies. Once these components are near-final, our team will distill all the relevant information developed throughout this study into a comprehensive, yet actionable draft plan.

Keeping the project delivery process and municipal budgets in mind, we will develop an implementation strategy that helps the Village plan the next stages of Yorktown Center's transformation. The implementation section will include:

- A map and accompanying spreadsheet or table detailing the phasing of recommendations (e.g., civil, landscaping/ placemaking) by near-, mid-, and longer-term
- Planning-level cost estimates for seeking grant opportunities and programming into the Village's budget
- Spreadsheet connecting projects to specific grant opportunities: From our experiences helping many suburban communities win millions of dollars in grant



funding for multimodal projects, we know how to strategically pursue grant opportunities to maximize the outcome.

**Deliverables:**

- Recommended Concept
- Plan Report, including phasing, costs and funding opportunities

## **Timeline**

**September 2025:** Kick-Off Meeting & Visioning

**September – December 2025:** Existing Conditions Analysis and Design Concepts Development

**January 2026 – March 2026:** Recommended Concept and Draft Report



Mike Folkening, P.E., PTOE

Director of Urban Design & Traffic



### Expertise

Transportation Planning  
Roadway Design  
Street Rehabilitation and Reconstruction  
Bikeway and Pedestrian Facility Design  
Stakeholder Coordination and Public Involvement  
Preparation of Contract Plans, Specifications and Estimates

### Education

B.S Civil Engineering, 1995  
Valparaiso University

### Professional Registrations

Professional Engineer - Illinois; 062-054315  
Professional Engineer - Wisconsin; 47618-6  
Professional Traffic Operations Engineer -  
National Certification; 2483

### Certifications

Think Bike Chicago Workshop – Dutch Cycling  
Embassy, September 2013  
Sustainable Streets for Chicago, June 2009  
Designing Streets for Pedestrian Safety,  
November 2007  
Context Sensitive Solutions for Local Agencies,  
October 2006

### Professional Organizations

Institute of Transportation Engineers  
Lambda Alpha International – Ely Chapter

Mike has been providing civil, transportation, and urban design consulting services since 1995. His experience includes the design of roadways, streetscapes, on-street bicycle facilities, multi-use paths and trails, and other recreational facilities. Mike specializes in transportation projects within highly urbanized areas with high level pedestrian, bicycle, and transit accommodations. He is passionate about providing a Complete Streets approach to ensure the safety of all modes of transportation while respecting vehicular mobility and promoting commercial activity. Mike leads the Urban Design & Traffic department which also includes Civiltech's transportation planning and landscape architecture services.

## Representative Projects

### Transportation Planning

**Ogden Avenue Corridor Improvements;** Chicago Department of Transportation

**Cook County Transit Study;** Cook County Department of Transportation and Highways (sub-consultant to Nelson Nygaard)

**Joliet ADA Transition Plan;** City of Joliet

**Will County Long Range Transportation Plan;** Will County

**Cicero Avenue Corridor Study;** Chicago Department of Transportation and Department of Planning and Development

**North DuSable Lake Shore Drive Phase I Study;** Chicago Department of Transportation

**Homewood Transit-Oriented Development Study;** Village of Homewood (sub-consultant to Muse Community + Design)

**NATO Street Closure Permit Plan;** Chicago Department of Transportation

**Grade Separation Budgetary Cost;** Illinois Department of Transportation - CREATE

**Pavement Marking Record Plans;** Chicago Department of Transportation

### Bikeway and Pedestrian Facility Studies

**Bicycle and Pedestrian Improvement Plan;** City of St. Charles

**Libertyville Village Bicycle Plan;** Village of Libertyville

**Old Plank Road Trail Extension Feasibility Study;** Village of Sauk Village

**Church Street Pedestrian and Bicycle Improvements;** City of Evanston; \$3.0 million

**Chicago Avenue, Latrobe Avenue to Kedzie Avenue HSIP;** Chicago Department of Transportation; \$2.9 million

**Broadway Foster Avenue to Devon Avenue;** Chicago Department of Transportation; \$8.5 million

**Elmhurst Bicycle and Pedestrian Improvements Project;** City of Elmhurst; \$250,000

**Des Plaines River Trail Central Feasibility Study;** Active Transportation Alliance

**Master Bike and Active Transportation Plan;** Village of Wilmette

**Arterial Bike Network Study;** Village of Mount Prospect

**Oak Brook Multi-Use Path and Bike Route Master Plan;** Village of Oak Brook

**Central Business District Streetscape and Utility Improvements;** Village of Glen Ellyn; \$20.0 million



Mike Folkening, P.E., PTOE

Director of Urban Design & Traffic

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## **Representative Projects (Continued)**

### **Bikeway and Pedestrian Facility Studies (Continued)**

Master Bike and Active Transportation Plan; Village of Wilmette

Vision Zero: Year One High Crash Corridor Improvements; Chicago Department of Transportation

Northcenter Town Square; Chicago Department of Transportation; \$1.0 million

Chicago Streets for Cycling Phase IV, Project 3 – Phase I and II; Chicago Department of Transportation; \$3.0 million

Lincoln Village Pedestrian and Bicycle Bridge – Phase I and II; Chicago Department of Transportation; \$2.0 million

### **Traffic Modeling and Simulation**

North DuSable Lake Shore Drive Phase I Study; Chicago Department of Transportation/Illinois Department of Transportation

ISW North Lawndale: Ogden Ave; Pulaski to Roosevelt Corridor Improvements; City of Chicago

Belmont Avenue, Milwaukee Avenue to Western Avenue; City of Chicago

Morton Arboretum Access Study; The Morton Arboretum

Jackson Park Improvements/Obama Presidential Center; Chicago Department of Transportation

Stony Island Avenue Cycle Track; Chicago Department of Transportation

### **Traffic Engineering, Safety and Pedestrian Studies**

Northern Terminus Traffic Study; Chicago Department of Transportation



Lissa Sweeney, AICP, LEED AP

Director of Transportation Planning Services



### Expertise

Transportation Planning  
Bicycle and Pedestrian Studies  
Stakeholder Coordination and  
Public Involvement  
Geographic Information Systems  
Complete Streets  
Grant Writing

### Education

Master of Urban Planning & Policy, 2013  
University of Illinois at Chicago  
B.A. Psychology & Environmental Sciences, 2009  
University of Michigan

### Professional Registrations

American Institute of Certified Planners; 31796  
LEED Accredited Professional;  
10780748-AP-O+M

### Professional Organizations

U.S. Green Building Council, Member  
American Planning Association, Member  
Women's Transportation Seminar (WTS),  
Transportation YOU Co-Chair

Lissa Sweeney's talent lies in bringing multiple stakeholders to the table, guiding them through complex issues and advocating for creative solutions and action. She is passionate about improving the built environment and has managed transportation, stormwater management and sustainability projects. As a certified planner (AICP), Lissa takes a holistic approach to projects. Her experience in the not-for-profit, private and public sectors positions her to implement innovative and custom approaches for each client. In addition to assisting clients in working towards LEED certification, Lissa regularly piloted new sustainability programs and certifications including GRESB, BOMA 360, and TOBY Awards.

## Representative Projects

### Transportation Planning and Community Engagement

**Cook County Transit Study;** Cook County Department of Transportation and Highways (sub-consultant to Nelson Nygaard)

**City Square Design;** City of Joliet

**Joliet ADA Transition Plan;** City of Joliet

**Oak Brook ADA Transition Plan;** Village of Oak Brook

**Grant Administration Assistance;** Chicago Department of Transportation

**South Cook County Truck Routing & Communities Study;** Chicago Metropolitan Agency for Planning

**North DuSable Lake Shore Drive Phase I Study;** Chicago Department of Transportation

**Ogden Avenue Corridor Improvements Project;** Chicago Department of Transportation

**Safe Routes to Transit Phase I Study;** City of Milwaukee

**Highland Park Transit Study;** City of Highland Park

**Strategic Plan for Transportation: Year 1 Update;** Chicago Department of Transportation

### Network-wide Bicycle and Pedestrian Planning

**Old Plank Road Trail Extension Feasibility Study;** Village of Sauk Village

**Des Plaines River Trail Central Feasibility Study;** Active Transportation Alliance

**Economic Impacts of Bicycling Study;** Chicago Department of Transportation

**Arterial Bike Network Study;** Village of Mount Prospect

**Bicycle and Pedestrian Improvement Plan;** City of St. Charles

**Shared-Use Path and Bike Route Master Plan;** Village of Oak Brook

**Master Bike and Active Transportation Plan Implementation;** Village of Wilmette

*At a previous place of employment, Lissa worked on the following projects:*

### Stakeholder Coordination and Public Involvement

**Stormwater Master Planning Program;** Metropolitan Water Reclamation District

**Randolph Street Corridor Improvement Study;** Chicago Department of Transportation

**Busse Road Phase I Study;** Cook County Department of Transportation and Highways



Lissa Sweeney, AICP, LEED AP

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**Director of Transportation Planning Services**

## **Representative Projects (Continued)**

### **Stakeholder Coordination and Public Involvement (Continued)**

**Howard Street Corridor Improvement;** City of Evanston, Illinois

**Brown Line Capacity Vision Study;** Chicago Transit Authority

**South Halsted Bus Corridor Enhancement Project;** Chicago Transit Authority and Pace

**Fulton Market Streetscape Section 2;** Chicago Department of Transportation

**Burnham Multimodal Connector Phase I Study;** Cook County Department of Transportation and Highways

**Illinois International Port District Master Plan;** Chicago Metropolitan Agency  
for Planning





Steve Pautsch, P.E., PTOE

Project Manager



### Expertise

Traffic Engineering and Impact Studies  
Pedestrian Studies  
Bicycle Studies  
Traffic Signal and Signal System Design  
Intersection Design Studies  
School Studies  
Parking Studies  
Traffic Calming  
Intelligent Transportation System Design

### Education

B.S. Civil Engineering, 2001  
Valparaiso University

### Professional Registrations

Professional Engineer - Illinois; 062-058388  
Professional Traffic Operations Engineer -  
National Certification; 2020

### Certifications

Traffic Signal Workshop, 2002  
Northwestern University Center  
for Public Safety  
Traffic Signal Seminar,  
CECI/IDOT, 2002

### Professional Organizations

Institute of Transportation Engineers

Steve has been employed with Civiltech since June 2001. For over 13 years, he was a full-time consultant to the Chicago Department of Transportation, providing expert traffic engineering assistance, consultation, design, and review services in the development and design of auto, bicycle, pedestrian, and transit infrastructure improvements. His responsibilities at CDOT included conducting various types of traffic studies and presenting results to city staff and elected officials, reviewing plans and studies submitted to the department, designing pedestrian and bicycle infrastructure improvements, testifying at Plan Commission and other public meetings, and assisting with the development of department standards and policies. In 2019, he returned to Civiltech's Itasca office to serve as a Project Manager, specializing in Traffic, Bicycle, and Pedestrian Studies. Steve also has expertise in traffic signal, signal system, and Intelligent Transportation Systems design projects.

### Representative Projects

#### Bicycle and Pedestrian Facility Studies

**Bicycle and Pedestrian Improvement Plan;** City of St. Charles

**Crosswalk Safety Enhancements at Milwaukee Ave. & Maple Ave.;**  
Village of Libertyville; \$250,000

**Old Plank Road Trail Extension Feasibility Study;** Village of Sauk Village

**Church Street Pedestrian and Bicycle Improvements;** City of Evanston; \$3.0 million

**Farnsworth Avenue at Marshall Boulevard and Illinois Prairie Path Segment/  
Intersection Improvements;** City of Aurora; \$250,000

**Chicago Avenue, Latrobe Avenue to Kedzie Avenue HSIP;** Chicago Department  
of Transportation; \$2.9 million

**Buffalo Grove High School Pedestrian Facilities;** Cook County Department  
of Transportation and Highways; \$100,000

**Broadway Foster Avenue to Devon Avenue;** City of Chicago; Chicago Department  
of Transportation; \$8.5 million

**Elmhurst Bicycle and Pedestrian Improvements Project;** City of Elmhurst; \$250,000

**Riverside Avenue Design Plans;** City of St. Charles; \$100,000

#### Traffic Engineering, Safety and Pedestrian Studies

**Traffic Calming Petitions & School Safety Plans;** Village of Oak Park

**94th Avenue and 159th Street Traffic Safety Study;** Village of Orland Park

**Fulton Market Traffic Study;** Chicago Department of Transportation

**Central Avenue Safety Study;** Cook County Department of Transportation and Highways

**Greggs Parkway & Huntington Drive;** Village of Vernon Hills

**Traffic Engineering Services;** Chicago Department of Transportation

**Cook County On-Call Traffic Engineering Services;** Cook County Department  
of Transportation and Highways

**Elmhurst City Centre Traffic Review;** City of Elmhurst

**Vernon Hills Traffic Engineering Services;** Village of Vernon Hills

**Various Traffic Studies;** Village of Libertyville



Steve Pautsch, P.E., PTOE

**Project Manager**

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## **Representative Projects (Continued)**

### **Traffic Engineering, Safety and Pedestrian Studies (Continued)**

Traffic Engineering Services; City of Highland Park

Western Court Traffic Study; Village of Lisle

Northern Terminus Traffic Study; Chicago Department of Transportation

### **Bicycle Planning**

Elmhurst Bicycle & Pedestrian Plan Update; City of Elmhurst

Libertyville Village Bicycle Plan; Village of Libertyville

Bicycle and Pedestrian Improvement Plan; City of St. Charles

### **Traffic Signal and Signal System Design**

Project Development Report; Lake Street/Springfield Drive; Villages of Bloomingdale and Roselle

Biesterfield Road and Leicester Road Intersection Realignment and Widening; Village of Elk Grove Village; (Roadway and Highway Design); \$1.0 million

Flashing Beacon Installation, Wolf Road/Forest Avenue; City of Des Plaines

Emergency Vehicle Preemption System Improvements (68 Intersections); City of Joliet

Traffic Signal Modernizations, Signal Timing Optimization, Fairview Ave; Village of Downers Grove (7 Signal Fiber Optic Interconnect)

Temporary and Permanent Traffic Signal Installation and Interconnect with Autoscope Vehicle Detection, Washington Street, U.S. 45 to Hunt Club; Lake County Division of Transportation

Traffic Signal Installation, Washington Street, IL Route 83 to U.S. Route 45; Lake County Division of Transportation, (3 Signal Fiber Optic Interconnects)

Traffic Signal Modernization, 63rd Street; Chicago Department of Transportation

Traffic Signal Design, Big Hollow Road at U.S. 12 Frontage Road; Village of Fox Lake

District 1 Miscellaneous Traffic Signal Designs; Illinois Department of Transportation - Division of Highways

Naperville Road/Warrenville Road Traffic Signal Improvement; DuPage County Division of Transportation

Emergency Vehicle Preemption System Improvements (10 intersections); City of Des Plaines

Emergency Vehicle Preemption System Improvements (68 intersections); City of Joliet

Emergency Vehicle Preemption System Improvements (18 intersections); City of Elgin Fire Department

### **Grant Writing**

On-Call Grant Writing Services; Chicago Department of Transportation

Highway Safety Improvement Applications; Cook County Division of Transportation and Highways

Lisle North Connector Bike Path ITEP Application; Village of Lisle

159th Street and 94th Avenue HSIP Application; Village of Orland Park



Phil Hutchinson, PLA, LEED AP

Director of Landscape Architecture Services



### Expertise

Landscape Architecture  
Streetscape and Urban Design  
Community Identity  
Placemaking  
3D Visualizations  
Green Infrastructure

### Education

Bachelors of Landscape Architecture, 2001  
Michigan State University

### Professional Registrations

Registered Landscape Architect-  
Illinois; 157-001258  
LEED Accredited  
CLARB Certified

### Professional Organizations

American Society of Landscape Architects  
Active Transportation Alliance  
Council of Landscape Architecture  
Registration Boards (CLARB)

Phil brings extensive experience in the landscape architecture field and in leading the urban design and landscape architecture components of streetscape projects. He specializes in designing and developing pedestrian environments, community identifiers and gateways for streetscape projects in historic settings, and green infrastructure elements. His talents ensure that streetscape and urban environment improvements include community identity and sense of place as leading design factors. Phil is passionate about designing from a bike/pedestrian point of view in addition to the transportation experience. In addition to leading the Landscape Architecture department, Phil manages Civiltech's growing digital rendering team.

### Representative Projects

**City Square Design;** City of Joliet; \$8.0 million

**Naperville Downtown Streetscape Improvements;** City of Naperville; \$3.0 million

**Central Business District Streetscape and Utility Improvements;** Village of Glen Ellyn; \$28.0 million

**111th Street - Cottage Grove Avenue to Ellis Avenue;** Chicago Department of Transportation; \$2.5 million

**North DuSable Lake Shore Drive Phase I Study;** Chicago Department of Transportation

**Jackson Park Improvements/Obama Presidential Center;** Chicago Department of Transportation

**Downtown Lisle Streetscape Concept;** Village of Lisle; \$2.5 million

**Northcenter Town Square;** Chicago Department of Transportation; \$1.0 million

**Master Bike and Active Transportation Plan;** Village of Wilmette

**Chicago Avenue, Austin to Cicero Improvements;** Chicago Department of Transportation

**Grant Park Skate Plaza;** Chicago Park District; \$2.5 million

*At a previous place of employment, Mr. Hutchinson provided Landscape and Streetscape Design services and Project Management on the following projects:*

**Fulton Market District - streetscape, gateway signage, and custom furniture;** Chicago Department of Transportation

**Broadway and Lawrence - streetscape, community identifier, performance stage, and plaza design;** Chicago Department of Transportation

**River Street - streetscape design and pedestrian space;** City of Batavia

**Fred Anderson Park, including performance state and overhead canopy design;** Chicago Park District

**West Park - playground and performance stage;** Glencoe Park District

**Scoville Park - playground, performance stage, and plaza;** Park District of Oak Park



## Barry Stuedemann, P.E., SPWS, ISA Certified Arborist

### Director of Nature-based Solutions



#### Expertise

##### Nature-based Solutions

Natural and Nature-based Feature Design  
Civil Site Design and Stormwater Management  
Wetland, Buffer, and Riparian Assessments,  
Delineations, and Design  
Natural Resource Restoration and Monitoring

#### Education

Master of Public Policy in Environmental Policy, 2005  
University of Chicago  
M.S. Environmental Engineering, 1995  
Illinois Institute of Technology  
B.S. Civil Engineering, 1989  
Southern Methodist University

#### Professional Registrations

Professional Engineer - Illinois; 062-053718  
Professional Engineer - Wisconsin; 101745-6  
Professional Engineer - Michigan; 6201310343  
Professional Engineer - Texas; 137181  
Professional Engineer - Missouri; 2008007654  
SWS Professional Wetland Scientist; 1975  
ISA Certified Arborist; IL-10237A  
Certified Wetland Specialist - Lake County; C-029  
Certified Wetland Specialist - McHenry County  
Qualified Wetland Review Specialist - Kane County; W-072  
Waterfront Edge Design Guidelines Associate  
OSHA 40-Hr Hazardous Waste Operations

#### Professional Organizations

American Society of Civil Engineers  
Society of Wetland Scientists  
Illinois Association for Floodplain and Stormwater  
Management  
American Public Works Association  
International Society of Arboriculture  
Illinois Association of Environmental Professionals

Barry is Civiltech's Director of Nature-based Solutions (NbS), focusing on natural and nature-based feature (NNBF) planning and design. Barry was employed at Civiltech from 1997 through 2005, and rejoined Civiltech in 2024. He has been working in the consulting field since 1990, combining his extensive Civil Engineering and natural resource experience in Civiltech's NbS practice. Barry has experience with large and small projects for public and private stakeholders nationwide. His focus is on implementing NbS into civil site design, transportation design, wetland sciences and habitat restoration, natural and nature-based feature (NNBF) design, stormwater management and permitting, green infrastructure, stream and shoreline resilience, and biotechnologies such as constructed treatment wetlands.

#### Representative Projects

##### Nature-based Solutions

**North DuSable Lake Shore Drive Phase I Study;** Illinois Department of Transportation, Chicago Department of Transportation; \$3.0 billion

**Jackson Park Improvements/Obama Presidential Center;** Chicago Department of Transportation

**Fairfield Road/IL Route 176 Junction Improvement;** Lake County Division of Transportation; \$15.0 million

**Weiland Road - Lake Cook Road to IL Route 22 and Lake Cook Road - Buffalo Grove Road to Hastings Lane;** Village of Buffalo Grove and Cook County Department of Transportation and Highways; \$68.0 million

**Lake Zurich Road at US Route 14;** Village of Barrington; \$3.9 million

**Army Trail Road Drainage Improvements at Regency Drive;** DuPage County Division of Transportation; \$250,000

*At a previous place of employment, Barry worked on the following projects:*

**Stormwater BMP Design, Kansas City Assembly Plant;** Ford Motor Company

**Proposed Energy Center Sites in Illinois, Michigan, Connecticut, Massachusetts, and Rhode Island;** East Point Energy

**Grassmere, Haverton & Oaksbury Drainage Improvements Wetland Restoration Project;** Village of North Barrington

**Solutia Green Stormwater Infrastructure Improvements;** Troy, Michigan

**Lemont Facility Stormwater BMP Conceptual Design;** International-Matex Tank Terminals

##### Restoration Engineer and Wetland Scientist

**Wetland Permit Submittal Reviewer for various Municipalities;** North Barrington, Downers Grove, Hainesville, and Island Lake

**Village of Oak Brook Maintenance and Monitoring, Bath and Tennis Drive;** Village of Oak Brook

**US Route 14 at CN Railroad Grade Separation;** Village of Barrington; \$62.8 million

**Rogue River Streambank and Streambed Restoration;** Rockford, MI

**Proviso Drive Reconstruction Phase I Study;** Cook County



Barry Stuedemann, P.E., SPWS, ISA Certified Arborist

Director of Nature-based Solutions

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## **Representative Projects (Continued)**

### **Restoration Engineer and Wetland Scientist (Continued)**

Rozanne Drive Crossing of Salt Creek; DuPage County

550 North Center Avenue Expansion; DuPage County

North York Road/Harger Road Intersection Improvements, Phase I and II; DuPage County

Darrell Road Phase I Study; Lake County

IL Route 83 Bike Path, Foster Avenue to Bryn Mawr Avenue; DuPage County

Army Trail Boulevard Water Main and Resurfacing; DuPage County

Squaw Creek Improvements, Miller Lane to Irving Park Road; DuPage County

Fremont Center Road Phase I Study; Lake County

Stormwater Permit Review Services; Village of North Barrington

Church Road STP Improvements, Grove Avenue to Irving Park Road; DuPage County

Stormwater Permit Review Services; Village of Downers Grove

Fairfield Road at IL Route 176, NAI Monitoring; Lake County

Ethel's Woods, Millennium Trail/U.S. Route 45 Underpass Project; Lake County

14th Street Phase I Study; Lake County

84th Avenue and 179th Street Bike Path Extension Project; Cook County

131st Street, Pulaski Road to Kedzie Avenue; Cook County

Lake Cook Road Improvements Phase II, Raupp Boulevard to Hastings Lane; Lake and Cook County

Weiland Road Improvements, Lake Cook Road to IL Route 22; Lake County

Middlefork Savanna Trail Connection Project; Lake County

Church Road STP Improvements, Jefferson Street to Grove Avenue; DuPage County

Church Road STP Improvements, Grand Avenue to Jefferson Street; DuPage County

Wang Culvert Replacement Project; Lake County

South Luther Avenue Neighborhood Area Project; DuPage County

BNSF Willow Springs Intermodal Facility Support Track Project; Cook County

Quentin Road Improvements Phase II, U.S. Route 12 to Illinois Route 22; Lake County

### **Environmental Engineering**

Jo-Carroll Energy, Multi-Facility SPCC Plan; Northwest Illinois

Corn Belt Energy Corporation, Multi-Facility SPCC Plan; Central Illinois

SouthEastern Illinois Electric Cooperative, SPCC Plan Amendment; Southern Illinois

St. Joseph's Hospital – South SPCC Plan; Hillsborough County, FL



**YORKTOWN CENTER PEDESTRIAN AND BICYCLE IMPROVEMENTS STUDY**  
Village of Lombard

**Cost Estimate of Consultant Services**

Civiltech Engineering, Inc.

Work Item	Staff Classifications, Billing Rate and Workhours									Total Workhours	% of Workhours	Labor Cost
	Director QC/QA	Project Manager	Transportation Planner IV	Transportation Planner III	Senior Transportation Engineer	Transportation Engineer	Senior Landscape Architect	Digital Rendering Artist	Nature-based Solutions Director			
Billing Rate	\$85.00	\$67.50	\$42.75	\$38.50	\$62.25	\$40.50	\$77.00	\$44.75	\$80.00			
Item 1 - Kick-Off Meeting and Visioning	6	12	0	5	12	0	5	0	0	40	5%	\$2,644.50
Item 2 - Existing Conditions Analysis	2	21	15	40	16	19	9	0	0	122	15%	\$6,227.25
Item 3 - Stakeholder Engagement	9	40	14	58	24	0	17	0	14	176	22%	\$10,219.50
Item 4 - Concepts Development	6	28	13	27	42	31	59	60	20	286	35%	\$16,693.25
Item 5 - Recommended Concept, Plan and Implementation Strategy	7	32	23	38	37	27	19	0	9	192	24%	\$10,781.00
Total Workhours by Staff Classification	30	133	65	168	131	77	109	60	43	816		
Percentage of Total Workhours:	4%	16%	8%	21%	16%	9%	13%	7%	5%	100%		
Direct Labor Cost by Staff Classification	\$2,550.00	\$8,977.50	\$2,778.75	\$6,468.00	\$8,154.75	\$3,118.50	\$8,393.00	\$2,685.00	\$3,440.00			
										Total Labor Cost:		\$46,565.50
										2.70 Multiplier:		\$125,726.85
										Direct Costs:		\$740.20
PROJECT TOTALS:										816	100%	\$126,467.05

**YORKTOWN CENTER PEDESTRIAN AND BICYCLE IMPROVEMENTS STUDY**  
Village of Lombard

**Workhour Summary**

Civiltech Engineering, Inc.

Work Item and Sub-Items	Staff Classifications & Workhours										Total Workhours	% of Workhours
	Director QC/QA	Project Manager	Transportation Planner IV	Transportation Planner III	Senior Transportation Engineer	Transportation Engineer	Senior Landscape Architect	Digital Rendering Artist	Nature-based Solutions Director			
Item 1 - Kick-Off Meeting and Visioning												
a. Village Kick-Off Meeting	2	5		3	5					15	37.5%	
b. Yorktown Center Kick-Off Meeting (Virtual)	2	4		2	4		2			14	35.0%	
c. Project Team Site Visit	2	3			3		3			11	27.5%	
Subtotal:	6	12	0	5	12	0	5	0	0	40	100%	
Item 2 - Existing Conditions Analysis												
a. Plans Review		3		5			3			11	9.0%	
b. Data Analysis		8		10	14	14	3			49	40.2%	
c. Case Studies		5	5	15		5	3			33	27.0%	
d. Existing Conditions Memo	2	5	10	10	2					29	23.8%	
Subtotal:	2	21	15	40	16	19	9	0	0	122	100.0%	
Item 3 - Stakeholder Engagement												
a. Stakeholder Involvement Plan		2		5						7	4.0%	
b. Project Website		2	4	8						14	8.0%	
c. Yorktown Center Meetings (4)	3	12		16	12		6		6	55	31.3%	
d. Stakeholder Meetings (3)	2	6		9	6		3			26	14.8%	
e. Community Open House	4	15	10	15	6		8		8	66	37.5%	
f. Engagement Summary (in Final Report)		3		5						8	4.5%	
Subtotal:	9	40	14	58	24	0	17	0	14	176	100.0%	
Item 4 - Concepts Development												
a. Draft Recommendations	2	8		8	15	15				48	16.8%	
b. Draft Cross Sections (3)		4	6	6	10	8				34	11.9%	
c. Draft Design Concepts (2)	2	8	7	8	12	8			10	55	19.2%	
d. Draft Placemaking Concepts (2)	2	5		5			50		10	72	25.2%	
e. Draft Renderings (3)		3			5		9	60		77	26.9%	
Subtotal:	6	28	13	27	42	31	59	60	20	286	100.0%	
Item 5 - Recommended Concept, Plan and Implementation Strategy												
a. Recommended Concept	2	8		10	10		10			40	20.8%	
b. Implementation Plan	2	8	5	10	15	15				55	28.6%	
c. Draft Report	2	10	10	10	8	8	6		6	60	31.3%	
d. Final Report	1	6	8	8	4	4	3		3	37	19.3%	
Subtotal:	7	32	23	38	37	27	19	0	9	192	100.0%	
Total:	30	133	65	168	131	77	109	60	43	816		
% of Workhours:	3.68%	16.30%	7.97%	20.59%	16.05%	9.44%	13.36%	7.35%	5.27%			



**YORKTOWN CENTER PEDESTRIAN AND BICYCLE IMPROVEMENTS STUDY**  
**Village of Lombard**

**Summary of In-House Direct & Subconsultant Costs**

<b>Item No.</b>	<b>Work Item</b>	<b>In-House Direct Cost</b>
<b>Item 1 - Kick-Off Meeting and Visioning</b>		
	<b>Mileage</b> (8 trips @ 18 miles @ \$0.70)	\$100.80
	<b>Item 1 Subtotal</b>	<b>\$100.80</b>
<b>Item 2 - Existing Conditions Analysis</b>		
	<b>Mileage</b> (4 trips @ 18 miles @ \$0.70)	\$50.40
	<b>Item 2 Subtotal</b>	<b>\$50.40</b>
<b>Item 3 - Stakeholder Engagement</b>		
	<b>Mileage</b> (15 trips @ 18 miles @ \$0.70)	\$189.00
	<b>Public Meeting Materials</b>	\$200.00
	<b>E-Communications Database</b>	\$150.00
	<b>Project Email Address</b>	\$50.00
	<b>Item 3 Subtotal</b>	<b>\$589.00</b>
<b>Item 4 - Concepts Development</b>		
	N/A	
	<b>Item 4 Subtotal</b>	
<b>Item 5 - Recommended Concept, Plan and Implementation Strategy</b>		
	N/A	
	<b>Item 5 Subtotal</b>	
	<b>Total Direct Costs:</b>	<b>\$740.20</b>