

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

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

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: William T. Lichter, Village Manager

DATE: January 08, 2008 (COW) (B of T) **Date:** January 17, 2008

TITLE:

Main Street STP Project
Engineering Agreement Amendment #4

SUBMITTED BY: David A. Dratmol, P.E., Village Engineer *DAE*

BACKGROUND/POLICY IMPLICATIONS:

Please refer to the attached memorandum.

FISCAL IMPACT/FUNDING SOURCE:

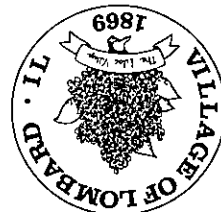
Total Amended Contract Amount: \$290,265.00
Amendment Amount: \$31,541
HTE Project Number: 0721 HTE Acct: 4320.755660 7101.755660
Public Works Project Number: ST-04-06
P.O. #: 047890

Review (as necessary):

Village Attorney X _____
Finance Director X *W. Lichter*
Village Manager X _____
Date 1/9/08
Date 1/17/08

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.



Interoffice Memo

To: William T. Lichter, Village Manager
From: David A. Dratnol, P.E., Village Engineer
Through: David P. Gorman, P.E., Acting Public Works Director
Date: January 08, 2008
Subject: Main St Access Study
Amendment #4 Main St STP Project Engineering Agreement

Attached is a "Resolution Authorizing Amendment of a Professional Services Contract" and two originals of the "Agreement to Amend a Contract" with Civilltech Engineering, Inc. of Itasca. This amendment provides for the engineering effort to modify the existing engineering plans and to prepare contract documents for the improvements to Main Street associated with changes to the scope of the entry improvements by Glenbard East High School to include the traffic signal, roadway easement and the exhibit necessary for presentation to the School Board.

The attached letter from Civilltech Engineering includes the specific tasks within the engineering scope of work, the schedule and the related work effort and fee.

This scope of work is being added to the existing design engineering contract for the Main Street (Wilson to Roosevelt) STP project. This contract covers the design engineering for both the Main Street STP Project and the Main Street Access Improvements in front of the high school. This amendment only affects the access improvements portion of the contract. The engineering associated with the work adjoining the high school continues to be tracked separately from the STP project.

Please place this item on the Board of Trustees agenda for the regularly scheduled meeting on January 17, 2008 and request approval of the contract amendment in the amount of \$31,541.00, which increases the total contract to a not-to-exceed amount of \$290,265.00. If approved, please return all paperwork to Public Works Engineering for further processing.

DAD/pk
cc: File ST-04-06



RESOLUTION
R _____
08

**A RESOLUTION AUTHORIZING
AMENDMENT OF A PROFESSIONAL
SERVICES CONTRACT**

WHEREAS, the Board of Trustees of the Village of Lombard on August 21, 2003 adopted a resolution authorizing signature of President and Clerk on an agreement between the Village of Lombard and CIVILTECH ENGINEERING INC, which was amended on January 19, 2006 and November 16, 2006 and April 24, 2007 and

WHEREAS, an amendment to said contract is required to legally bind the parties; and

WHEREAS, Illinois law exempts professional engineering contracts from the

requirements of Illinois Compiled Statutes, Chapter 720, Section 5/33E-9 regarding preparation of change orders.

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 President and Village Clerk are hereby directed and authorized to execute an amendment to the contract with CIVILTECH ENGINEERING INC, substantially in the form and manner of Exhibit "A" attached hereto and made a part hereof.

Adopted this 17th day of January, 2008.

Ayes: _____

Nays: _____

Absent: _____

Approved this 17th day of January, 2008.

ATTEST:
William J. Mueller
Village President

Brigitte O'Brien
Village Clerk

APPROVAL AS TO FORM:

Thomas P. Bayer
Village Attorney

AGREEMENT TO AMEND A CONTRACT

THIS AGREEMENT made and entered into this 17th day of January, 2008, by and between the **VILLAGE OF LOMBARD** (the "VILLAGE") and CIVILTECH ENGINEERING INC. (the "CONSULTANT").

WHEREAS, on August 21, 2003 the VILLAGE and CONSULTANT executed a contract regarding certain engineering services relative to the Main Street STP (Roosevelt Road to Wilson Avenue), which was amended on January 19, 2006, November 16, 2006, and April 24, 2007; and

WHEREAS, the VILLAGE and CONSULTANT have agreed to increase the amount of work to be performed by the CONSULTANT together with a resultant increase in the limit which the contract sum may not exceed;

NOW, THEREFORE, for and in consideration of the foregoing and various covenants in said agreement and the mutual covenants herein contained, it is agreed by and between the parties as follows:

SECTION 1: The aforementioned contract shall be amended to expand the scope of work as provided for in the CONSULTANT'S January 03, 2007 letter.

SECTION 2: The aforementioned contract shall be amended to show a contract sum not to exceed \$290,265.00.

SECTION 3: All other terms, covenants and conditions of said contract heretofore executed which are not amended or deleted herein shall remain in full force and effect.

IN WITNESS WHEREOF, the VILLAGE and CONSULTANT have caused this document to be signed by duly authorized officers who have set their hands and seals the day and year set forth above.

VILLAGE OF LOMBARD

By: _____
Village President

ATTEST:

By: _____
Village Clerk

and CIVILTECH ENGINEERING INC.

By: _____

ATTEST:

By: _____

**AMENDMENT NO. 4
DESIGN ENGINEERING AGREEMENT
Main Street Improvements**

**January 3, 2008
ST-04-06**

Scope of Work Description

Changes to the originally anticipated scope of work have become necessary based on the further development of the project. These items include:

- The Village has decided to install a new traffic signal at the intersection of Main Street and the southernmost (*Driveway 1 as depicted in the Main Street Access Study*) high school driveway. Civiltch will design and prepare contact plans, specifications and estimates of cost for this new traffic signal. This work will also include the interconnection of the signal with the other signals at Wilson Avenue, Morris Avenue and Edward Street.
- Civiltch has prepared the final plans, special provisions and estimates for the access improvements as originally proposed in the Main Street Access Study prepared by Civiltch. Based on the need to reduce project construction costs, the geometrics of the pavement improvements need to be modified in accordance with Village direction. We will re-design the concept geometry and modify our current plans, special provisions and estimates accordingly for the Main Street Access Improvements.
- Civiltch will also prepare an aerial exhibit for use at meetings with Glensbard East High School which will include roadway geometry and right-of-way requirements.
- Jorgensen and Associates will prepare a Plat of Dedication for permanent easements needed for the signal installation.

All work specified above will be incorporated into the Village funded Main Street Access Improvement contract documents. We do not anticipate the need for supplemental survey at this time to complete the work specified above.

Manhour and Fee Calculations

See Attached Manhour Calculations, Exhibit I

Labor: 307 Manhours X \$34.00/hour avg. X 2.65 =	\$27,661
Sub-Consultant, Jorgensen and Associates, Inc. Right-of-Way Docs.	\$3,730
Direct Costs:	
Mileage:	\$50
Printing:	\$100
Total Fee, Contract Amendment No. 4:	\$31,541

The following summarizes changes to the design engineering contract amount for the Main Street Improvements:

\$165,976	Original Contract (August 21, 2003)
\$205,903	Amendment No. 1 (December 14, 2005) Phase II Supplemental Survey, Appraisals and Negotiations, Various Design Fee Supplement = \$39,927
\$226,744	Amendment No. 2 (November 16, 2006) Main Street Access Study Fee Supplement = \$20,841
\$258,724	Amendment No. 3 (April 24, 2007) Phase II Engineering for Access Study Improvements Fee Supplement = \$31,980
\$290,265	Amendment No. 4 (January 3, 2008) High School Traffic Signal and Roadway Modifications Fee Supplement = \$31,541

Manhour Calculations
Main Street at Glenbard East High School Traffic Signal and Main Street Improvements
Village of Lombard

	Personnel & Hours				Design Tech.	Total	% of Hours
	PM	PE	DE				
1 Early Coordination and Data Collection	4	4	4	0	0	12	3.9%
sub-total:	4	4	4	0	0	12	3.9%
2 Pre-Final Contract Plans, Special Provisions and Estimates							
a. Cover Sheet, Index of Sheets, State Standards, Modifications Only						1	0.3%
Summary of Quantities and General Notes, Modifications Only						1	0.3%
Alignment, Ties and Benchmarks, Modifications Only						2	0.7%
Typical Sections, Modifications Only						3	1.0%
Maintenance of Traffic, Modifications Only	1	1	1	1	1	19	6.2%
Plan and Profile, Modifications Only	1	6	8	4	4	17	5.5%
Drainage and Utility, Modifications Only	1	4	4	4	4	15	4.9%
Erosion Control, Landscaping, Signing and Striping, Modifications Only	1	4	4	2	2	7	2.3%
Cross Sections, Modifications Only	1	4	6	6	6	17	5.5%
Traffic Signal Installation Plans (1 sheet)	4	8	14	10	10	36	11.7%
Traffic Signal Modification Plan (1 sheet)	4	4	4	10	8	22	7.2%
Cable Plan, Sequence of Operation, Schedule of Quantities sheets (2 sheets)						28	9.1%
Interconnect Schematic (1 sheet)						4	1.3%
Mast Arm Mounted Street Name Signs Detail (1 sheet)						6	2.0%
IDOT Traffic Signal Details (4 sheets)	2	4	4	2	2	4	1.3%
b. Pre-Final Special Provisions	2	12	12			26	8.5%
c. Pre-Final Quantity Calculations and Cost Estimate	6	6				12	3.9%
d. Project Design Review Meetings							
sub-total:	22	65	94	47		228	74.3%
3 Final Contract Plans, Special Provisions and Estimates							
a. Final Plans	8	10	12	8		38	12.4%
b. Final Special Provisions	1	1				2	0.7%
c. Final Quantity Calculations		6	6			12	3.9%
sub-total:	9	17	18	8		52	16.9%
4 Prepare Project Aerial Exhibit	1	4	4	6		15	4.9%
sub-total:	1	2	2	6		15	4.9%
Total Hours:	36	88	118	61		307	100%
% of Hours:	11.7%	28.7%	38.4%	19.9%		99%	

Route: Main Street
 Section: @ Glandard East High School
 Project: Durpage
 County: Durpage
 Job No.:

COST ESTIMATE OF CONSULTANT'S SERVICES
 Consultant: Jorgensen & Associates, Inc.
 Date: November 20, 2007
 No. of Parcels: 1

Item	Number of Man Hours (A)	Payroll (B)	Overhead & Fringe Benefits (C)	In-house Direct Costs (D)	Sub-Total (E)	Profit (F)	Services By Others	Total	Percent of Grand Total
1) First Submittal Plat of Easement and Descriptions	25	\$757.00	\$946.93	\$5.00	\$1,708.93	\$264.16	N/A	\$1,973.09	52.90%
2) Survey (Field)	14	\$266.00	\$332.74	\$48.00	\$646.74	\$99.53	N/A	\$746.27	20.01%
3) Survey (Office)	2	\$74.00	\$92.57	\$0.00	\$166.57	\$25.75	N/A	\$192.32	5.16%
4) Final Submittal Plat of Easement and Descriptions	7	\$203.00	\$253.93	\$48.00	\$504.93	\$77.60	N/A	\$582.54	15.62%
5) Coordination Meetings	2	\$76.00	\$95.07	\$33.60	\$204.67	\$31.32	N/A	\$235.99	6.33%
TOTALS	50	\$1,376.00	\$1,721.24	\$134.60	\$3,231.84	\$498.37	\$0.00	\$3,730.20	100.00%