

**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)

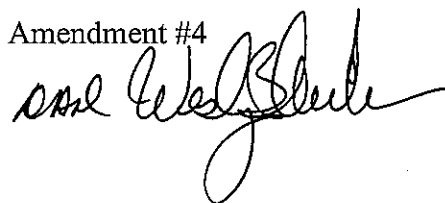
**TO:** PRESIDENT AND BOARD OF TRUSTEES

**FROM:** William T. Lichter, Village Manager

**DATE:** January 25, 2005 (COW) (B of T) **Date:** February 17, 2003

**TITLE:** Special Assessment 213B  
West Road (Woodland to St. Charles)  
Engineering Services Agreement – Contract Amendment #4

**SUBMITTED BY:** David A. Dratnol, P.E. – Village Engineer



**BACKGROUND/POLICY IMPLICATIONS:**

Please see the attached memo.

**FISCAL IMPACT/FUNDING SOURCE:**

THIS ITEM: \$5,426.00 INCREASE <sup>SA 213B</sup> ~~Capital Project~~ Fund

TOTAL CONTRACT: \$201,632.00

HTE Project No.: 0141

P.O. No.: 030121

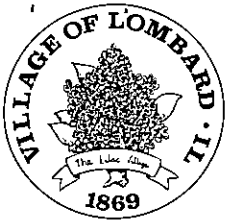
PW Project #: ST-05-03

8733.755660

Review (as necessary):

Village Attorney X _____	Date _____
Finance Director X <u>W. Leonard Flood</u>	Date <u>02/09/05</u>
Village Manager X <u>W. Thomas Lichter</u>	Date <u>2/10/05</u>

**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 *DA*  
Date: January 25, 2005  
Subject: Special Assessment 213B  
West Road: (Woodland to St. Charles)  
Engineering Services Agreement

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Attached please find a "Resolution Authorizing Amendment of a Professional Services Contract" and the "Agreement to Amend a Contract" with Civiltech Engineering of Itasca. This amendment provides for additional engineering services related to the proposed roadway profile of West Road from Woodland Avenue to St. Charles Road. Please refer to the attached memo from Civiltech, which explains in detail the work effort and calculation of man-hours related to the additional engineering services.

There are a few homes that are lower than the existing roadway. After the QA/QC review, engineering staff requested that Civiltech lower the profile of the proposed roadway to minimize the number of back pitched driveways. In order to achieve this result, a compromise on the amount of cover for the water main and services (shallower services will be insulated) had to be agreed upon. The minimum acceptable amount of ground cover for the water main and services was lowered from five (5) feet to four (4) feet. With the in-depth analysis, the proposed design will provide the maximum opportunity for positive drainage towards the right-of-way. Note, in the circumstances where driveway will be backpitched, parkway drains will be installed to ensure right-of-way drainage.

This item will be presented to the Board of Local Improvements on February 10, 2005. Please place this item on the Board of Trustees agenda for the meeting scheduled on February 17, 2005, and request the approval of the contract amendment in the amount of \$5,426.00, which increases the total contract amount to a not-to-exceed amount of \$201,632.00. If approved please return all paperwork to Engineering for further processing.

CC: Board of Local Improvements  
File ST98-13

**RESOLUTION**  
**R \_\_\_\_\_ 05**

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

**WHEREAS**, the Board of Trustees of the Village of Lombard on February 5, 1998 adopted a resolution authorizing signature of President and Clerk on an agreement between the Village of Lombard and ENGINEER which was amended on January 7, 1999, August 16, 2001, and February 20, 2004; 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 February, 2005.

Ayes: \_\_\_\_\_

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

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

Approved this 17th day of February, 2005.

**ATTEST:**

\_\_\_\_\_  
**William J. Mueller**  
**Village President**

\_\_\_\_\_  
**Barbara Johnson**  
**Deputy 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 February, 2005, by and between the **VILLAGE OF LOMBARD** (the "VILLAGE") and **ENGINEER** (the "CONSULTANT").

**WHEREAS**, on February 5, 1998 the VILLAGE and CONSULTANT executed a contract regarding certain engineering services relative to the Special Assessment 213; 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 13, 2005 letter.

**SECTION 2:** The aforementioned contract shall be amended to show a contract sum not to exceed \$201,632.00.

**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: \_\_\_\_\_  
Deputy Village Clerk

and **ENGINEER**

By: \_\_\_\_\_

ATTEST:

By: \_\_\_\_\_

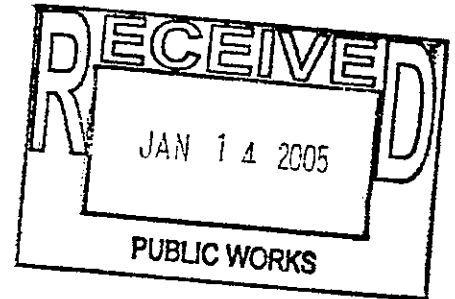


January 13, 2005

Mr. David A. Dratnol, P.E.  
Village Engineer  
Village of Lombard  
1051 S. Hammerschmidt Ave.  
Lombard, Illinois 60148-3926

Attn: Mr. Ray Schwab, Project Manager

Re: **Special Assessment No. 213B - West Road**  
**Village of Lombard, Illinois**  
**Proposed Addendum to Agreement**



Dear Mr. Schwab:

We have prepared estimated design hours and costs for the proposed addendum to our design agreement with the Village.

Enclosed are four copies of the man-hour estimate and cost estimate of consultant services. Our proposed fee of \$5,426 adjusts the current contract amount of \$196,206 to a new contract amount of \$201,632.

Thank you again for the opportunity to assist the Village with this improvement.

Very truly yours,

**CIVILTECH ENGINEERING, INC.**

David W. Block, P.E.

Enclosures

J:\847WP\COORD\LETTERS\Lombard20050113.wpd

## MAN-HOUR CALCULATIONS

**S.A. 213B – West Road  
Design Engineering Services  
Village of Lombard  
Addendum to Agreement**

The following is a description of items considered out of the scope of the original agreement.

### Profile Design

We have been requested to look at a new profile for this section of West Road to eliminate or reduce reverse pitched driveway slopes. The current proposed profile maintains driveway slopes within a range of +/- 8%. The east side of West Road is typically higher than the west side meaning an adjustment to the profile to lessen a driveway slope on the west side may increase a driveway slope on the east side. The current proposed profile is lower than the existing by as much as one foot at certain locations, resulting in a one foot loss of cover of over the existing water main and water services. Assuming the existing water main has the desirable 5-1/2 feet of cover, the proposed depth of cover at some locations is reduced to 4-1/2 feet. The Village agrees to reduce the cover over the existing water main to no less than 4 feet, meaning a new profile can be as much as 1-1/2 feet below the existing profile. Given these considerations, we will investigate lowering the proposed profile. The following are the hours necessary for this work:

Profile Design -	8 hours
Quantity Calculations for revised Earth Excavation and Furnished Excavation -	8 hours
Quantity Calculations for revised Trench Backfill from lower rim grades -	4 hours
Revision to Plan and Profile Sheets (4 sheets @ 2 hours/sheet) -	8 hours
Revision to Drainage and Utility Sheets (4 sheets @ 4 hours/sheet) -	16 hours
Revision to Cross Sections (3 sheets @ 4 hours/sheet) -	12 hours

**Sub-Total: 56 hours**

### Specifications Update

Since this project has spanned a long period of time, many of the Village specifications have been added, deleted or revised. We anticipate spending additional hours to update the contract specifications to be ready for bidding.

**Sub-Total: 6 hours**

Public Meeting

With the delay in letting the project, it will be necessary to have another public meeting to inform residents about the ensuing construction project. We anticipate spending additional hours preparing and presenting design parameters at this meeting.

**Sub-Total: 4 hours**

Construction Meetings

We have added hours for attending meetings during construction at the direction of the Village.

**Sub-Total: 4 hours**

**TOTAL: 70 hours**

**COST ESTIMATE OF CONSULTANT SERVICES**

S.A. 213B - West Road  
 Design Engineering Services  
 Village of Lombard  
 Addendum to Agreement

Consultant: Civiltch Engineering, Inc.		Date: January 13, 2005						
WORK ITEM DESCRIPTION	PROJECT MANAGER \$38.50	DESIGN ENGINEER \$25.00	SENIOR DRAFTER \$28.50	Total Hours	Payroll	Overhead & Fringe Benefit Cost (a)	Fixed Fee (b)	Total Cost
<b>Final Design</b>								
1. Profile Design	16	24	16	56	\$1,672	\$2,090	\$552	\$4,314
2. Specifications Update	2	4		6	\$177	\$221	\$58	\$457
3. Public Meeting	2	2		4	\$127	\$159	\$42	\$328
4. Construction Meetings	2	2		4	\$127	\$159	\$42	\$328
<b>TOTALS</b>	<b>22</b>	<b>32</b>	<b>16</b>	<b>70</b>	<b>2,103</b>	<b>2,629</b>	<b>694</b>	<b>5,426</b>
% TOTAL	31	46	23	100				

(a) 125.00% of Payroll

(b) 33% of Payroll