

DISTRICT 5

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

 X Resolution or Ordinance (Blue) X 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: February 8, 2005 (COW) (B of T) **Date:** February 17, 2005

TITLE: South Broadway Improvements
Design Engineering
Amendment No. 2

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

BACKGROUND/POLICY IMPLICATIONS:

Please see the attached memo.

FISCAL IMPACT/FUNDING SOURCE:

THIS ITEM: \$38,215.00/Capitol Project Funds

TOTAL CONTRACT: \$215,252

PW Project: ST-02-08

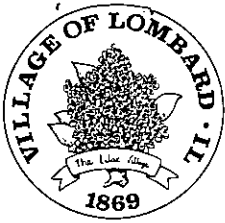
P.O. #: 040579

7110,809425
Proj #0415

Review (as necessary):

Village Attorney X _____ Date _____
Finance Director X *Leonard Flood* Date *2/9/05*
Village Manager X *William T. Lichter* Date *2/10/05*

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 *DM*
Date: February 8, 2005
Subject: South Broadway Improvements
 Design Engineering
 Contract Amendment #2

Attached please find a proposal from Civiltech Engineering pertaining to a design contract amendment for the South Broadway project primarily related to the section east of Chase Avenue. This amendment of \$38,215 increases the total contract amount to a not-to-exceed fee of \$215,252. Please note that the total contract amount includes the already completed design work for the recently reconstructed section of South Broadway (Grace Street to Chase Avenue).

The contract amendment addresses three topics. The first two topics are additional tasks that are primarily related to the section of South Broadway east of Chase Avenue (completed in 2003). The existing contract budget was used to proceed with the work as the status of the section of South Broadway east of Chase Avenue was on hold due to various issues with DuPage County. The understanding with Civiltech was to track the time spent on these tasks and when the east of Chase section was ready to proceed to final design, the Village would prepare a contract amendment.

A) Structural Design and Shop Drawing Review (East of Chase)

Structural design, drafting and shop drawing review of a junction chamber were added to the scope of work. Once the storm sewer design work was formally underway it was evident that to accommodate future sewer separation within the drainage basin, four (4) storm sewers would meet at the Prairie Path and Chase Avenue. This configuration could not be accommodated by a standard manhole.

Total Cost = \$4,363

B) Neighborhood Storm Sewer Design (Both east and west of Chase)

Civiltech Engineering performed additional hydrological studies and calculations for the drainage area south the South Broadway that would outfall to the proposed storm sewer trunkline that is currently being constructed as part of the North Broadway project. This work was done in coordination with the 2010 Storm Water Study and the North Broadway project. **Total Cost = \$9,672**

C) Preparation of a Second Set of Contract Documents (west of Chase)

This item is for the preparation of a second set of contract documents (plans, specifications and estimates) for the section of South Broadway East of Chase Avenue. **Total Cost = \$24,180**

Please present this contract amendment to the President and Board of Trustees for their review and approval at their regular meeting on February 17, 2005. If approved, please have two signed copies returned to Engineering for further processing.

RESOLUTION
R _____ 05

A RESOLUTION AUTHORIZING
AMENDMENT OF A PROFESSIONAL
SERVICES CONTRACT

WHEREAS, the Board of Trustees of the Village of Lombard on April 19, 2001 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 September 16, 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 17th day of February, 2005.

ATTEST:

William J. Mueller
Village President

Barbara Johnson
Deputy 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 February, 2005, by and between the **VILLAGE OF LOMBARD** (the "VILLAGE") and **CIVILTECH ENGINEERING, INC.** (the "CONSULTANT").

WHEREAS, on April 19, 2001 the VILLAGE and CONSULTANT executed a contract regarding certain engineering services relative to the South Broadway Improvements; 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 31, 2005 letter.

SECTION 2: The aforementioned contract shall be amended to show a contract sum not to exceed \$215,252.

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: _____

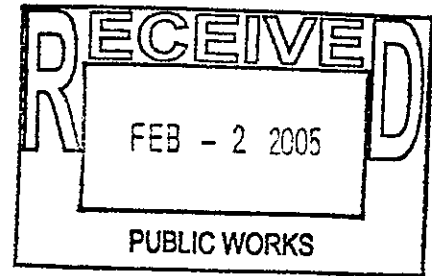


January 31, 2005

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: **South Broadway Improvements (East)**
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 \$38,215 adjusts the current contract amount of \$177,037 to a new contract amount of \$215,252.

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

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**South Broadway Improvements
Design Engineering Services
Village of Lombard
Addendum to Agreement**

The following is a description of items considered in this addendum.

Structural Design and Shop Drawing Review

During the initial preparation of contract plans, the proposed storm sewer connection at Chase Avenue was not able to be made accessible with a standard manhole, requiring the design of a junction chamber. The combined structural and drafting time to complete this work was 46.5 hours and \$4,363.

Neighborhood Storm Sewer Design

For the initial construction contract, we sized a main line storm sewer along South Broadway that will outlet across the Prairie Path to North Broadway at Fairfield Avenue and Chase Avenue in a future contract. This storm sewer was sized by identifying drainage sub-basins within the area bounded by Grace Street, Washington Boulevard, Westmore-Meyers Road and South Broadway as shown in the Project Development Report. Using a contour plan with one foot elevation increments, we routed run-off volumes through each sub-basin developing proposed storm sewer sizes for each side street. Future roadway improvements within this neighborhood should use the storm sewers sizes as determined in this study. We estimate that 120 hours were devoted to drainage design outside of the South Broadway corridor.

120 hours x \$31 x 2.6 (multiplier) = \$9,672

Preparation of Second Set of Contract Plans and Specifications

Our original agreement anticipated preparation of a single set of contract plans and specifications. Because the eastern section of South Broadway is not currently under the Village of Lombard's jurisdiction, and because DuPage County became involved with a proposed license agreement for right-of-way, this section was not part of the original construction contract. Now that the Village is planning to take back the right-of-way and come into agreement with DuPage County on use of part of the Prairie Path right-of-way, we will be preparing a second construction contract. We estimate that it will take 300 hours more to prepare two construction contracts than to prepare everything under a single contract. The additional fee is as follows:

300 hours x \$31/hour x 2.6 (multiplier) = \$24,180

Total Additional Fee = \$4,363 + \$9,672 + \$24,180 = \$38,215