

**VILLAGE OF DOWNERS GROVE
REPORT FOR THE VILLAGE COUNCIL WORKSHOP
JULY 8, 2008 AGENDA**

SUBJECT:	TYPE:	SUBMITTED BY:
Prairie Avenue Reconstruction and Resurfacing – Addendum to Engineering and Design Services Agreement	✓ Resolution Ordinance Motion Discussion Only	Robin A. Weaver Interim Director of Public Works

SYNOPSIS

A resolution approving an addendum to the engineering and design contract between the Village of Downers Grove and GC Engineering to increase the contract amount by \$62,160 for a total of \$333,011 has been prepared. Staff is requesting a waiver of the traditional one-week waiting period in order to prepare engineering and design work in time for the July 21 IDOT letting.

STRATEGIC PLAN ALIGNMENT

The Five Year Plan and Goals for 2007-2012 identified *Top Quality Village Infrastructure and Facilities*. A supporting objective of this goal is *Improve Neighborhood Infrastructure Curbs, Gutters, Streets, Sidewalks, Stormwater and Drainage System*.

FISCAL IMPACT

The FY08 Capital Projects Fund includes \$4,100,000 for this project. The Federal Surface Transportation Program grant supplies 70 percent of the funding necessary for the resurfacing of Prairie Avenue and intersection improvements at Prairie Avenue and Main Street. The Village's portion of the project includes the following costs (not subject to grant funding).

Service	Contractor	Contract Amount	Date of Approval
Resident Engineering	Christopher B. Burke Engineering, Ltd.	\$204,551.63	May 5, 2008
Engineering and Design	GC Engineering	\$333,011.00	July 8, 2008
Utility Improvements	Trine Construction	\$501,824.60	July 8, 2008
Materials Testing	<i>Not yet awarded</i>	\$40,000 (estimate)	August
Temporary Resurfacing (potential)	<i>Not yet awarded</i>	\$150,000 (estimate)	September
Total		\$1,229,387.23	

The current cost estimate for the project is tracking under budget at \$3.7 million. This estimate includes the proposed addendum to the engineering and design agreement.

On February 7, 2006, the Village Council awarded a contract for the engineering and design of the reconstruction of Prairie Avenue to GC Engineering (formerly Daniel J. Loftus & Associates, LLC) in the amount of \$270,851. GC Engineering is requesting an addendum to the contract, which would increase the total amount to \$333,011.

RECOMMENDATION

Approval under the Village Attorney's Report following approval of a motion to waive the traditional one-week waiting period on July 8, 2008.

BACKGROUND

The requested contract increase has two components. Additional engineering efforts were done to aid in presenting information to residents relative to the required right-of-way acquisitions for the intersection improvements at Prairie and Main. These additional efforts totaled \$12,835.20.

Last week the Village sought and received permission from IDOT to let the project in three separate phases so as to ensure the utility improvements and road resurfacing will be completed during the 2008 construction season. The additional engineering work to separate the projects requires an additional engineering expense of \$49,324.80. The total contract increase being requested is \$62,160.

ATTACHMENTS

Resolution

Memorandum from GC Engineering

RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING EXECUTION OF AN ADDENDUM TO AN
AGREEMENT BETWEEN THE VILLAGE OF DOWNERS GROVE
AND GC ENGINEERING, INC. (ILLINOIS)**

BE IT RESOLVED by the Village Council of the Village of Downers Grove, DuPage County, Illinois,
as follows:

1. That the form and substance of a certain Addendum (“Addendum”), between the Village of Downers Grove (the “Village”) and GC Engineering, Inc. (Illinois) (“GCE”) for professional engineering services in connection with the Prairie Avenue Reconstruction Project, as set forth in the form of the Addendum submitted to this meeting with the recommendation of the Village Manager, is hereby approved.

2. That the Village Manager and Village Clerk are hereby respectively authorized and directed for and on behalf of the Village to execute, attest, seal and deliver the Addendum, substantially in the form approved in the foregoing paragraph of this Resolution, together with such changes as the Manager shall deem necessary.

3. That the proper officials, agents and employees of the Village are hereby authorized and directed to take such further action as they may deem necessary or appropriate to perform all obligations and commitments of the Village in accordance with the provisions of the Addendum.

4. That all resolutions or parts of resolutions in conflict with the provisions of this Resolution are hereby repealed.

5. That this Resolution shall be in full force and effect from and after its passage as provided by law.

Mayor

Passed:

Attest: _____
Village Clerk

**ADDENDUM TO AN AGREEMENT
BETWEEN THE VILLAGE OF DOWNERS GROVE
AND GC ENGINEERING, INC. (ILLINOIS)**

THIS ADDENDUM dated this ____ day of _____, 2008, by and between the Village of Downers Grove, an Illinois municipality pursuant to 40 ILCS 5/Art. 3 (hereinafter referred to as "Village"), and GC Engineering, Inc (ILLINOIS) ("GCE"), in consideration of the following mutual covenants, terms and agreements, hereby agree to amend the 2006 Engineering Services Agreement ("Agreement") dated adopted February 7, 2006 as follows:

1. The 2006 Scope of Services for the Prairie Avenue Reconstruction Project shall be amended as provided in the Supplemental Scope of Services dated June 26, 2008.
2. All terms and conditions of the Agreement and any other addendums or extensions thereto shall apply equally to this Addendum Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Addendum to be executed as of the day and year first specified above.

VILLAGE OF DOWNERS GROVE

GC ENGINEERING, INC. (ILLINOIS)

BY: _____
Authorized Signature

BY: _____
Daniel J. Loftus, Vice President

ATTEST: _____
Signature of Village Clerk

ATTEST: _____
Secretary/Treasurer

DATE: _____

DATE: _____



GC Engineering, Inc. (Illinois)

5200 Main Street Suite 210
Downers Grove, Illinois 60515
Tel. (630) 512-8800 Fax. (630) 282-7440

June 26, 2008

Village of Downers Grove
Public Works Department
5101 Walnut Avenue
Downers Grove, Illinois 60515

Attention: Mike Millette

**Subject: Prairie Avenue Reconstruction
Supplemental Professional Engineering Services**

Mr. Millette:

Enclosed for your processing is our request for Contract Supplement for additional services related to our Agreement for Engineering Services for the subject project. The Scope of these services is at the request of the Village and is in addition to the already completed tasks related to the Prairie Avenue improvements.

Specifically, GCE has prepared this estimate for the completion of services required to:

- Coordinate local letting and ROW acquisition issues with IDOT
- Prepare an advance utility work contract
- Prepare Plans, Specifications and Estimates in accordance with IDOT policy to stage construct the project

As proposed, Prairie Avenue would be constructed in two stages; Stage One being the roadway reconstruction and Stage Two being the Main Street Intersection, including signal upgrades. It is anticipated that if a timely concurrence of this supplemental request is provided, GCE can complete the Stage One plans to allow for the roadway reconstruction/resurfacing in the Fall of 2008.

We look forward to working with the Village on this project.

Please contact me if you have any questions or require additional information.

Sincerely,
GC Engineering, Inc. (Illinois)

Daniel J. Loftus, P.E.
Vice President

enclosure
DJL/djl

Description of Contents
Prairie Avenue Rehabilitation ST-006
Request for Supplemental Agreement
June 26, 2008

The following information is intended to describe the extra work to be performed on, and required to complete, the professional engineering services related to our contract for the design and plan preparation related to the Prairie Avenue Reconstruction in the Village of Downers Grove.

SUMMARY OF EXTRA WORK PERFORMED OR TO BE PERFORMED

Provided below are summaries of extra work required for this project beyond the original scope of the contract. Generally, these additional services are a function of additional requests made of GC Engineering above that envisioned at the time of the original contract. The extra services also include division of the proposed work into two separate, biddable sets of plans, technical specifications and estimates; one for the roadway resurfacing/reconstruction and one for the Main Street Intersection Reconstruction, including the traffic signals. The approximate limits of the omission in Stage One (and subsequently limits of Stage Two) are Forest Avenue to Highland Avenue. The extra services also include the addition of ROW Coordination, Coordination of Local Letting with IDOT and the preparation of an advance contract for utility work.

CHANGES AND INCREASES TO SCOPE OF SERVICES

The increased effort and change in scope of work affected three of the seven original contract work items included in our original Cost Estimate of Consultant Services (CECS) dated 01/12/2006. The specific work items and the increased level of work completed are summarized below:

Scope Item	Original Hours	IDOT Coord. And Utility Contract	IDOT Coord. and PS&E for Staged Const.	Revised Hours
QC/QA	80	8	0	88
Task 1 - Field Survey	456	16	0	472
Task 2 - PDR	1206	0	0	1206
Task 3 - Coordination	306	16	44	366
Task 4 - PS&E	1620	0	484	2104
Task 5 - Plats & Legals	276	24	0	300
Task 6 - Bidding Assistance	24	80	40	144
TOTAL	3968	144	568	4680

Specific Details of those items requiring additional services follow.

SCOPE ITEM ONE – QC/QA

GC Engineering was required to review new deliverables and provide independent quality and constructability reviews for the ROW Appraisals and Utility Contract. The net result of these services is an increase of 8 hours

SCOPE ITEM TWO – TASK 1 FIELD SURVEY

GC Engineering was asked to field verify existing conditions and provide on-site engineers to “layout” the proposed improvements. This was required as a result of resident comments and requests since it was difficult for them to “picture it in their heads”. The net result of these services is an increase of 16 hours.

SCOPE ITEM FOUR – TASK THREE COORDINATION

As a result of both the additional ROW coordination and securing the approvals for a local letting, GC Engineering was required to provide additional coordination with review and regulatory agencies. The net result of these services is an increase of 16 hours.

Additionally, as a result of the decision to produce two sets of biddable documents, GC Engineering will be required to coordinate closely with the Illinois Department of Transportation and the Village to make the aggressive letting schedule set in place to commence construction on or before September 1, 2008. The net result of these services is an increase of 44 hours.

SCOPE ITEM FIVE – TASK FOUR PS&E

GC Engineering will be required to produce two separate and stand alone biddable plans, specifications and estimates. Each of these will need to be completed in IDOT format and will require close attention to detail so as not to duplicate or omit any work. It is anticipated that GCE will have approximately three weeks from NTP to complete the Stage One roadway plans to allow for a bid advertisement on or before July 18, 2008. During the two week bidding period, GC Engineering will assist the Village in getting technical questions answered and will prepare any Addenda required. Subsequent services will include the preparation of the second set of plans, specifications and estimates for the Main Street Intersection. It is anticipated that the schedule for this work will follow immediately behind the completion of the Stage One Plans to accommodate the immediate letting of the construction upon certification of Right-Of-Way plats. The net result of these services is an increase of 484 hours.

SCOPE ITEM SIX – TASK FIVE PLATS & LEGALS

GC Engineering prepared and presented the plats, legal descriptions and associated appraisals and IDOT Documentation to the State for their review and concurrence. The net result of these services is an increase of 24 hours.

SCOPE ITEM SEVEN – BIDDING ASSISTANCE

GC Engineering assisted the Public Works Staff in the preparation of an advance contract for the construction of underground utilities. These documents consisted of a complete, biddable set of drawings, technical specifications and estimates used to independently bid this work. The net result of these services is an increase of 32 hours.

Also, GC Engineering will assist the Public Works Staff in the preparation of any materials required for the anticipated pre-bid meetings for the Staged Construction. Additionally, GCE will make available the necessary staff to provide technical assistance during the bid process in the event questions arise. Should addenda be required, GCE will assist in the preparation and delivery of same. The net result of these services is an increase of 40 hours.

