



**BOLTON
& MENK**

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REQUEST FOR ADDITIONAL SERVICES

April 25, 2018

Mr. Dan Schluender, P.E.
Assistant City Engineer
City of Blaine
10801 Town Square Drive
Blaine, MN 55449-8101

Re: Lever Street Improvements (125th Avenue to 132nd Avenue Alignment)
File No. N12.114318

Dear Mr. Schluender:

The original estimated engineering fee for the design phase of this project was **\$132,957**. As of April 20, 2018, we have exceeded the fee by approximately **\$26,000**. Some reasons for our overrun in design costs are due to the additional services listed below:

1. Added turn lanes on Lever Street at 125th and for school entrances
 - a. revise curb geometry, profile, corridor model
2. Added proposed developments to plans
 - a. Revise sewer and water service locations/elevations, design intersections, review/add development grading to our plans, update storm sewer locations, misc. coordination with developers
3. Adjustment in overall project schedule (original plan approval date was August 17, 2017)
4. Multiple revisions to geometry along 125th Avenue
5. Anoka County design standards – originally told no design standards when we met at their office and then received design standards from them after initial review of the plans
6. Changes in the lift station design – location moved to the east side of Lever Street, control module revisions, deleted flushing system, sole-sourced pump suppliers after communications with 3 manufacturer's listed in spec
7. Move southern pond to west side after school referendum passed
8. Resubmit RCWD permit based on Woodridge development moving forward and new pond location
9. Additional watershed submittal to Coon Creek Watershed District to obtain permit

Besides the items listed above, additional services that are yet to be completed consist of the following:

1. Resubmit RCWD permit due to comments regarding use of local road wetland replacement program credits along 125th Avenue.
2. Revise/re-design plans to remove construction along 125th Avenue
3. Continued coordination with adjacent developer engineer's requests for information.

At this time, we estimate our final design fee to be approximately **\$169,500** to complete the work described above along with any easement sketches and descriptions needed.

The new design fee of \$169,500 plus our original construction fee of \$39,272 would bring our total engineering fee to **\$208,722**, which is an increase of 21%. The new overall budget would be approximately **7%** of the estimated construction costs.

Please call me if you have any questions at 651-968-7742.

Sincerely,

Bolton & Menk, Inc.

A handwritten signature in black ink, appearing to read "Michael S. Nill", with a stylized flourish at the end.

Michael S. Nill, P.E.