

**ashborough**

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**From:** "Mark.Lee" <Mark.Lee@plcea.com>  
**To:** "Tim Schmitz" <tim@strengsolutions.com>  
**Cc:** "Tara Lee" <Tara.Lee@plcea.com>; "ashborough" <ashborough@bellsouth.net>  
**Sent:** Tuesday, February 01, 2011 11:36 AM  
**Subject:** RE: Ashborough Village Proposal  
 Tim,

*Feb 2011*

Thank you for the information. I will await Buddy's response before I approach the county or EPD with the suggested solution. Before we do any detailed planning I want to get their reacting to the suggestion. I will then get back with everyone before we proceed with the planning.

Thanks  
 Mark G. Lee PE, RLS  
 Paul Lee Consulting Engineering  
 770-435-2576

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**From:** Tim Schmitz [mailto:tim@strengsolutions.com]  
**Sent:** Tuesday, February 01, 2011 11:35 AM  
**To:** Mark.Lee; buddyj@cwmatthews.com  
**Cc:** Tara Lee  
**Subject:** RE: Ashborough Village Proposal

Mark & Buddy,

Please find attached the suggested detail, which is to replace the original 2:1 slope, place filter fabric and Type I rip rap to 3 feet thick. The attached detail is the GDOT detail that is used around their structures. The geotech report also considered a fabric, #57 stone, surge stone and rip rap solution as well.

The rip rap solution is considered due to the difficult access for any driving equipment or cranes, numerous existing utilities and the high cost per square foot for any permanent wall solution.

The geotech report does not recommend this solution however, it appears that recommendation was based on existing slopes. During our site visit, you mentioned that the agencies should let you return the slope to its original 2:1 configuration.

Please note this is not a guaranteed or warranted solution. This is a remedial solution that will require the existing vegetation to be removed and will require the HOA to maintain the slope. Effectively the originally constructed slope has lasted 40 or so years. The HOA can wait another long duration and do a major fix or do a periodic (annual or bi-annual) maintenance plan to remove vegetation and repair any dislodged rip rap.

As far as my fee, I prefer to provide CWMatthews with an unstamped opinion letter stating the information above and bill on an hourly basis, probably \$400 - \$500 range.

You may also want to provide your geotech with the information that the slope is to be restored to 2:1 to determine if their recommendations would remain the same or change.

Thank you for the opportunity.

**TIM SCHMITZ, P.E.**  
**STRUCTURAL ENGINEERING SOLUTIONS, LLC**  
3260 ISOLINE WAY  
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**From:** Mark.Lee [mailto:Mark.Lee@plcea.com]  
**Sent:** Tuesday, January 25, 2011 7:54 AM  
**To:** Tim Schmitz; buddyj@cwmatthews.com  
**Cc:** Tara Lee  
**Subject:** RE: Ashborough Village Proposal

Tim,

That will be great. The meeting last night went well. They are awaiting the information so they can authorize the work.

Regards,  
Mark

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**From:** Tim Schmitz [mailto:tim@strengsolutions.com]  
**Sent:** Monday, January 24, 2011 4:00 PM  
**To:** Mark.Lee; buddyj@cwmatthews.com  
**Cc:** Tara Lee  
**Subject:** RE: Ashborough Village Proposal

Mark,  
I have not sent a design to Buddy yet however, will have some sketches in a day or two.

**TIM SCHMITZ, P.E.**  
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**From:** Mark.Lee [mailto:Mark.Lee@plcea.com]  
**Sent:** Monday, January 24, 2011 2:26 PM  
**To:** buddyj@cwmatthews.com; Tim Schmitz  
**Cc:** Tara Lee  
**Subject:** Ashborough Village Proposal

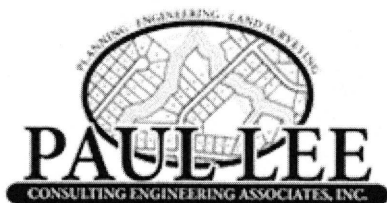
Buddy,

Just checking to see if you had anything I could take with me to the meeting tonight.

Regards,

**Mark G. Lee, PE, RLS**

**President**



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