

**Linn Havelick**

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**From:** Jonathan Spencer [jspencer@techangle.com]  
**Sent:** Wednesday, March 03, 2004 10:06 AM  
**To:** Linn Havelick  
**Cc:** Krumberger, Robert  
**Subject:** Re: Contract Issues

Hi Linn:

Here is a response to the questions you raised in your e-mail earlier this morning:

1. With regard to the Boundary Survey performed by Flatirons Surveying, the survey was originally conducted in order to provide construction evaluation staking and not serve as a definitive boundary plot. The current survey is accurate within 1-2 feet per Zach over at Flatirons. In talking with Zach, he indicated that to actually file a plat which is suitable for boundary determination there are various supplemental conditions which are required by the State and that they may be required to research and perform additional on-site activities such as upgrading section monuments, etc. Flatirons can upgrade the existing survey to provide a boundary determination if so desired. Zach felt that the effort would likely run another \$5-\$7K, although it could be less than this if his initial research indicated that the current boundary data is as good as they are likely to get given the uncertainties in the existing legal descriptions.
2. The survey work in the Phase II contract was, as you indicated, intended to provide excavation control during the proposed remedial activities. There was no plan to prepare a final as-built survey although the data generated during the excavation control process could certainly be used to facilitate the preparation of a final topographic survey. Keep in mind, though, that the subsequent backfill effort would obviously change the topography.
3. April 1 seems like a reasonable start date to me as well. Once work plans are approved we would be looking at 102 work days (assuming 7,500 cy) to complete the remedial action.

Give me a call if you need any more information.

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