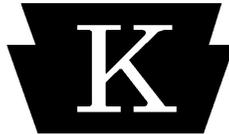


KEYSTONE MUNICIPAL ENGINEERING, INC.



MEMORANDUM

TO: TINICUM TOWNSHIP

FROM: TOM FOUNTAIN

RE: MEETING NOTES
MT. AIRY RD. STONE WALL
PRE-BID MEETING

DATE: 4/11/2017

The following is a summary of discussed items during the pre-bid meeting at the Mt. Airy Road stone wall restoration project.

1. 4 contractors were present for the meeting. A fifth contractor, Bi-State Construction, arrived late and submitted contact information related to these notes.
2. Contract includes replacement of the end section of guiderail further up the road, one end section.
3. Contractor can use stone that fell into the creek below. Stone re-used from the original wall does not need approval by the Township. New stone brought in by the contractor to complete the wall, if needed, needs to be approved by the Township.
4. No trespassing permitted onto the adjacent property directly across from the work site.
5. The drawing of the wall restoration is attached to these meeting notes. A concrete slab is added to the drawing to secure the embedded reinforcement. See the detail.
6. Grout color should match what exists on the existing remaining section of the wall, within reasonable matching color/hue.
7. No E&S permit appears to be necessary due to the location of the work within 50 feet of the stream crossing.
8. The one end of the wall which was moved from its location needs to be re-set on its original line. At the other end, there is a grout line in the existing wall representing the approximate end of restoration work (on the Dark Hollow Road side of the wall).
9. Bid Bond and Performance Bond are required. No payment bond appears to be required.
10. Bid Opening is May 1st. Expected timeline for work is 6-8 weeks from award.
11. Question from late arrival (Bi-State). Can used guiderail be used for the end section across from the wall? A: Yes, subject to Township approval.

Should you have any questions, please call me.
Tom Fountain