

SPECIAL MEETING
KINNELON BOARD OF EDUCATION
109 KIEL AVENUE
KINNEON, NJ 07405
AUGUST 11, 2016
11:00 a.m.

Board Members Present:

Brian Davin
Marianne DeAlessi
Denise Hatch
Dr. Marcy Pryor

Other Attendees:

Kerry A. Keane, SBA
Alan Bresett- Supervisor B&G
Scott Rosenberg- KHS VP / Athletic Director
Carol Sventy- Kinnelon Borough Town Council
Carl O'Brien- Maser Consulting
Jackie McCourt- Maser Consulting

Mr. O'Brien reviewed the results of the geotechnical exploration conducted on the High School Field on June 24, 2016 in conjunction with the proposed Artificial Turf Field Project. Six hand-augered borings (labeled B-1-B-6 and included on a map) were tested. Based on the findings, five borings had the ideal depth of ground water at 45-54 inches below the existing grade. The boring B-6 encountered water at 24 inches. The design of the project should be based off of the B-6 boring, which rules out certain design systems. It is Maser's recommendation that a sub base of 18-24" of green stone, with 1 x12" flat pipes underneath the stone is the optimal design for the turf field. This meets all the requirements of the DEP, Morris County Soil Conservation, and local ordinances.

The DEP would like the District to utilize a run-off chamber to control the surface run-off. This is not mandated, but recommended. When the project is put out to bid, the run-off chamber will be proposed as an alternate bid.

The cost of the project will be determined upon completion of the design- hoping for at the latest- mid-September. The most cost effective approach is still using the Keystone Purchasing Co-op for the turf portion of project. Mr. O'Brien recommended, based upon the turf field multipurpose usage, that 2 ¼ inch turf is used.

Maintenance of the Turf Field was discussed. Day-to-day upkeep would be undertaken by our in-house staff, which will be trained on the specifics. It is recommended that at least once, optimal twice a year a turf management company is brought in to maintain the integrity of the field. This cost is offset by funds already budgeted but not utilized when a turf field is installed-

seed, fertilizer, irrigation, and mowing. A Groomer would be the only additional equipment the District would need, and that is included in the cost of the turf. Since the maintenance of the turf is said to be much cheaper than the maintenance of a grass field it was suggested that the difference be put into cap reserve to help with future costs. Mr. O'Brien explained that a turf field has 12-years longevity if taken care of properly. During replacement, you can replace just the turf. Also, if need be for an event, the turf field can be plowed but only by a professional company.

There are different types of fill available. The District/Borough would need to determine what their needs are for budgeting purposes. Coconut fill was the only type of fill not recommended because it clogs up the drainage system.

Permits will be filed when design is complete, as noted early, mid- September or sooner. The standard turn-around time for approval is 30-90 days. This is a "clean" application, meaning it has gone through many phases of approval already, so Mr. O'Brien is confident it will not take that long. Maser will follow up with phone calls to help to expedite the process.

Submitted by

Kerry A. Keane
School Business Administrator/Board Secretary