

options, and keeping the budget in mind, make a decision on the "D zones". He informed the Commissioners that they had visited Brevard College and were very pleased with the turf field installed by Medallion.

Medallion's schedule would not be hindered by this decision, and they can still meet their deadline.

The Board questioned the difference between turf with standard infill, encapsulated rubber, the pad system, and organic infill.

It was determined that the biggest difference was the temperature of the turf. Organic turf requires more maintenance and irrigation. It was determined that it would probably be better to repair the tracks after the completion of the fields to repair damage also done by equipment.

Marcus Jones informed the Board that maintenance is not a significant amount. The shock pads are warranted for 16 years. The fields are warranted for 8 years.

Chairman Edney asked if Medallion is proposing a full 8 year warranty or just 8 years on materials. The County Engineer replied that Medallion's warranty was 8 years for material; however, the Medallion representative attending the meeting, agreed to match the full 8 year warranty as offer by a competitor.

The Board had some concern about rain days and meeting the timeline. Mr. Jones stated rain days are not built in, but buffers are.

Commissioner Messer made the motion that the Board approves the proposal from Medallion for the installation of artificial turf at East Henderson High, West Henderson High, and North Henderson High School(s)] for an amount not to exceed \$ 2,750,000 and authorizes the County Engineer and County Attorney to execute the required documents. All voted in favor and the motion carried.

PUBLIC SEWER SERVICE FOR EDNEYVILLE ELEMENTARY

Marcus Jones stated during the budget retreat on January 17, 2017, the Board approved the replacement of Edneyville Elementary on the same property as the existing school. In addition and in response to the documented problems with the current on-site system, the Board directed staff to investigate the feasibility of extending public sewer to the property.

Staff and Will Buie, PE from WGLA Engineering met with Hendersonville Utilities to determine if the City would accept the school's extension to their system. The school is within the City's proposed sewer service area, the City currently provides water to the area, and an extension would connect to the City's existing system. The City is agreed to accepting the extension as part of their system. The cost of the extension would be at the County's expense.

The next step was to determine a preliminary cost to extend the City's system to the school. WGLA determined that gravity service to the school is not feasible; almost five miles of new sewer line would be required at a cost of approximately \$4,000,000. Therefore, the school would need to be served by a pump station and force main running along US64 to the City's existing system in the vicinity of North High School. The preliminary cost of the pump station and force main is \$1,500,000. Unfortunately, this option would limit the customers that can connect to the extension in the future.

Chad Roberson with ClarkNexsen, the County's architect for the Edneyville School project has reported that the project's budget currently has \$500,000 allocated for an on-site sewer system. Therefore an additional \$1,000,000 is needed to add public sewer service to the school project. Edneyville is the only school in the County not currently on a public sewer system.

Coincidentally, staff recently received information from NC Commerce regarding a new grant opportunity to provide infrastructure to schools with documented problems with their existing water and sewer service. The grant funding is under the Community Development Block Grant program. There is \$4.5 Million available for grants up to \$1 Million. The schedule of the grant opportunity correlates with our project. After attending an information meeting on the grant, staff believes our project is eligible. The grant could cover the additional cost to the project.

Lastly, it is possible for other entities in the vicinity of the school to join the project to extend sewer to their property in addition to the school. Staff has been approached by several possibly property owners, and the County's Environmental Health Supervisor has provided owner's in the vicinity that are experiencing problems with their private on-site systems. Another possible addition is the NC Justice Academy; the County owns and operates the wastewater plant serving the Academy.

To be consistent with typical sewer extension policies, any additional service connections and the added capacity to the pump station would need to be paid for by the private property owner. Also, any required utility easements for the private connections would need to be executed prior to the design of the extension. The design of the school's system will need to begin within the next four months to be completed by the new schools opening in August 2019.

With the approval of the proposed school, the Board also directed staff to investigate extending public sewer service to the school

- The current on-site sewer system has documented problems and is near the end of its life.
- Edneyville is the only County school not currently on public sewer.

The City of Hendersonville has agreed to accept an extension to the school as part of their sewer system.

- The school is within the City's proposed service area
- The City currently provides water to the school
- An extension to the school will connect to the City's existing sewer system in the vicinity of North High.

WGLA Engineering has determined the cost to extend sewer is \$1,500,000

- The extension is proposed to be a pump station located at the school and a force main along US 64 to the City's existing system.
- A gravity extension is not feasible at approximately \$4M
- An additional \$1,000,000 will be needed in the budget for the school.
- CDBG Grant opportunity of up to \$1M.

Possibility for other private property owners to join the sewer project.

- The NC Justice Academy is also a possible addition to the project. The County owns the plant serving the Academy.
- Private property owners will need to pay for the additional cost to the project and provide required utility easements before design.
- Design of the sewer will need to begin within the next four months to meet school projects completion before August 2019.

The Board was not ready to make a decision at this meeting.

County Manager Steve Wyatt informed them there is still time for the grant opportunity.

CANE CREEK WATER AND SEWER DISTRICT

Commissioner Thompson made the motion for the Board to convene as Cane Creek Water & Sewer District Board. All voted in favor and the motion carried.