

MORGAN COUNTY DRAINAGE BOARD

September 7, 2017

8:30 A.M.

Drainage Board members present were: Norman Voyles, Brian Goss, and Ryan Goodwin. Also present were Deb Verley (Administrative Assistant) and Rod Bray (County Attorney).

Minutes

Brian Goss made a motion to approve the August 7, 2017 minutes. Motion seconded by Norman Voyles. Motion carried 2-0. (Ryan Goodwin was late.)

Stormwater Coordinator Update

Bill Dials presented the assurance bond for the Enclave at Heartland Crossing. The Surveyor's Office requested a bond equal to 100% of the cost to implement erosion sediment control for the development. The developer provided a letter of credit from Star Financial Bank in the amount of \$76,800.00. This letter is valid for one year. If this is approved by the Drainage Board, there will be another one from Lexington Springs and Collette Acres. Mr. Dials will set up a database that will alert them that the one-year deadline is approaching so they can release the letter of credit or request a renewal if the project is not complete. Ryan Goodwin made a motion to approve the Performance Bond – Secured by Irrevocable Standby Letter of Credit for Enclave at Heartland Crossing Section 1. Motion seconded by Brian Goss. Motion carried 3-0.

Mr. Dials stated that they are working with the Collette Acres homeowners association to work out the stormwater plan. Mt. Gilead Church has started construction. The Enclave development has started moving dirt. The Surveyor's Office has received revised plans for the Wilbur Corner Store. They have new management to get the fueling station operational. Gold Creek Point, a development that is 90% within the corporate limits of Monrovia, has a 50' to 60' wide strip that is in the county. Mr. Dials informed the Town of Monrovia that he did not see how they could accept a drainage plan for this area. This area could be annexed in the future for Sections 2 and 3.

Norman Voyles asked if Mr. Dials was familiar with the wetland area on Bryant's Creek Road in conjunction with I69. Mr. Dials stated that there were two fill site locations that were permitted across from the wetland. Mr. Voyles stated that the road was recently paved and voiced his concern if they start hauling dirt away from the site. Mr. Dials stated that if the fill permit is still good, they would have requirements to meet, but if the dirt is hauled to an unpermitted site and there is more than a half-acre of disturbed area, there would be a violation. From an erosion and sediment standpoint, they are looking for protection of the site they are disturbing.

The Surveyor's Office was provided a drainage basin detail for a drainage basin to be installed along Section 5 of I69. The state is planning on developing drainage basins along the route and building these outside the right-of-way. These basins would then be turned over to the county and the highway department would provide maintenance on the basins. The county Drainage Ordinance states that to release stormwater at acceptable rates, the minimum diameter for a culvert is 12". In order to obtain the correct release rate, it is acceptable to install a plate on the 12" culvert. There is a high chance that these culverts would accumulate cups and other debris. It is possible that one coffee cup could plug the entire system. After consulting with engineering firms, the Surveyor has advised the consulting group, DLZ, that the smallest orifice size allowed on the drainage basin would be 6". The trash grates designed for these systems have a 6" span so the trash should get down the culvert and not cause a drainage issue along the highway. However, this will cause a lot of maintenance issues for the county highway department. Terry Brock voiced his concern that this could be an issue for Section 6 in Morgan County.

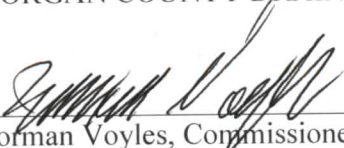
Surveyor Update

Terry Brock stated that there could be two obstruction complaints submitted soon. Orchard Road is still an issue. Mr. Brock and Larry Smith, Morgan County Highway Engineer inspected the area and it will take a lot of work. It is not a regulated drain. A ditch along the highway could take some of the water, but it would require easements and the ditches would have to be five to six feet deep. There is a rise to the east and a rise to the west; digging a normal roadside ditch would not solve the water issue. They would need a tile several hundred feet long in order to get past the rise in each direction. Mr. Brock stated that there is nowhere to take the water once the ditch is constructed. Mr. Dials stated that to establish a regulated drain, it would take three to four miles to find an adequate outlet and they would have to cross several properties that are not looking for a drain. There are only 10 to 12 properties that would benefit from the drain and the cost to these property owners would be significant. Burying a tile along the county road would not carry all the water, but could help dry it out over a length of time. Norman Voyles suggested looking into the costs for a drainage tile along the road.

Adjournment

Ryan Goodwin made a motion to adjourn the meeting. Motion seconded by Brian Goss. Motion carried 3-0.

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Norman Voyles, Commissioner

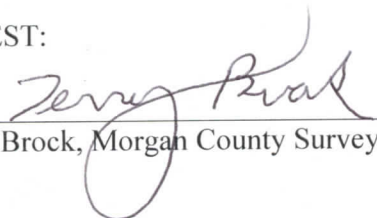


Brian Goss, Commissioner



Ryan Goodwin, Commissioner

ATTEST:



Terry Brock, Morgan County Surveyor