

DRAINAGE MINUTES  
JOINT DISTRICT BOONE #93B-STORY #4  
JULY 5, 2017

The Drainage District Trustees of Boone and Story Counties met in a teleconference in Conference Room A of the Story County Administration Building to consider a Drainage Study prepared for a landowner, Outstanding Auto, in Joint Drainage District Boone #93B-Story #4, Boone County controlling. Members present were Stephen Duffy, chair, and Bill Zinnel of Boone County and Rick Sanders, Martin Chitty, and Lauris Olson of Story County. Also present were Boone County Auditor Philippe Meier and Drainage Clerk Kaitlynn Olesen, Story County Engineer Darren Moon and Drainage Clerk Scott Wall, and Kyle Riley from HR Green, Inc.

Duffy called the meeting to order at 8:00 a.m.

Riley went over the contents of the report by HR Green. They were hired to investigate drainage issues Outstanding Auto's property northeast of the intersection of Lincoln Way and 500<sup>th</sup> Avenue. Outstanding Auto bought the property for a used luxury car dealership and is concerned by what they have heard about the history of flooding at the site. They hired HR Green to create a study of where the water comes from, where it goes, and why it drains away so slowly.

The subject property lies in a sub-district of the joint drainage district. Water comes from the north and west and exits through an 8" tile (Lateral A) under Lincoln Way on the property to the east. Lateral A is the primary bottleneck to drainage of Outstanding Auto's land and the adjacent properties. HR Green's report recommends the construction of swales to direct water from the north around the north and east sides of the subject property to Lateral A but the water will still back up until the lateral can move it under Lincoln Way. The report gives three options for dealing with drainage. All three include both retention and conveyance of water. Outstanding Auto is specifically interested in their property and did not commission a study of the larger, district watershed.

Duffy asked if the options given in the report appear in order of preference.

Riley said the options are listed in order of complexity with Option 1 being the cheapest and most feasible and Option 3 being the most complex. Improving Lateral A may not be feasible as it crosses under Lincoln Way then under existing buildings and concrete slabs south of Lincoln Way before connecting with the main district tile.

Olson asked if flooding was an issue before Outstanding Auto purchased the property.

Riley said flooding of the property has been an ongoing problem since before the Outstanding Auto purchase.

Olson asked if Outstanding Auto knew about the flooding when they bought the land.

Riley said they knew the property had flooded in the past but they did not appreciate the scope or frequency of the problem. After buying the property, they hired a general manager from Ames who had worked with other auto dealerships and he did know the property's history of flooding. It was he who hired HR Green and commissioned the study. He has since left Outstanding Auto.

Sanders said much of what is in the report deals with detaining water while drainage districts deal more with moving water. Lateral A is probably not functioning to original specifications and, even if it is, it

may be undersized for the way the land is used today. The trustees can accept the report then investigate the situation with Lateral A in more detail.

Chitty asked if anyone had talked with Cranes who own the adjacent properties where the report recommends that swales be constructed.

Riley said his client asked HR Green not to contact Crane.

Duffy asked if Lateral A is performing as designed is it still possible for the district to do something.

Sanders said yes but that would mean an improvement, which is a longer process than a repair.

Olson asked if repairing or improving Lateral A would be sufficient to resolve Outstanding Auto's flooding concerns.

Sanders moved, seconded by Zinnel, to accept the report by HR Green, Inc. Motion carried unanimously (MCU).

Sanders said the HR Green report does not address how quickly a larger tile would move water away from the subject property or if the existing tile is meeting specifications. He suggested that Lateral A is not performing as originally designed and is undersized for current land use. The district should use the information in the report as a starting point for a full engineering study of the Lateral A watershed.

Sanders moved, seconded by Zinnel, to have an Engineer's Report prepared for the Boone #93B-Story #4 Lateral A watershed. Story County has been using ISG as its drainage engineer and has been pleased with their work. Sanders motion includes selecting ISG as project engineer. MCU.

Riley said he appreciated the trustee's taking the time to look at the HR Green report and he believes ISG does good work and is a reasonable choice for the Engineer's Report.

Sanders said that, as control county, Boone County should contact ISG.

Sanders moved, seconded by Zinnel, to adjourn. MCU. Meeting adjourned at 8:25 a.m.

Respectfully submitted,

Scott T. Wall