



## COLLIN COUNTY

Public Works Department  
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Date: October 26, 2015  
To: Commissioners Court  
From: Jon Kleinheksel   
Re: CR 595 Drainage Issue

Public Works received a request to resolve a drainage issue situated on the east side of CR 595 near the home of Noel & Gerry Harris. A tributary of Bois d'Arc Creek flows under the road to the south of their home. Over time, numerous weather events have washed a considerable amount of flex-base material from the road shoulder into the creek. The accumulated debris is now obstructing the natural southwesterly flow of the rainwater through the channel. Because of this, rainwaters swelled in the surrounding field and threatened the Harris' home with flooding during the recent major rain events.

Resolving this situation would necessitate R&B crews operating on private property. PW staff surveyed the area and proposes digging a shallow trench 8 feet wide for a distance of 60 feet to clear the obstruction indicated in Exhibit A. In addition, crews will remove the flex-base which has collected in the channel adjacent to the obstruction which will fully restore the proper drainage functionality.

PW staff anticipates 1 Equipment Operator in a Backhoe and 1 Truck Driver could complete the job at an estimated cost of \$1,560.00. Public Works requests Commissioners Court consideration and approval to correct the rainwater channel south of Noel and Gerry Harris' home on CR 595.

Should you require additional information, please contact me and I will respond accordingly.