

HARRIS COUNTY WATER CONTROL AND IMPROVEMENT
DISTRICT 99

UPDATE AND VIDEO REPORTS ON SINK HOLE AT 214 BICKETT

OCTOBER 31, 2019

Presented for Website Posting on October 31, 2019 by Director Billy Ray Fritsche
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UPDATE AND VIDEO REPORTS ON SINK HOLE AT 214 BICKETT

Three connecting sewer lines in the "200" Block of Bickett were inspected via video camera on October 24, 2019. Both ABS and concrete sewer lines were in service at these locations. The video reports are labeled BICKETT 210 to 214, BICKETT 214 to 218, and BICKETT 218 to 222 and have been posted to the HCWCID 99 website.

The original sink hole was located at 214 Bickett. Loss of concrete wall (Missing Structure and Joint Defect-Gasket Notation) reflects serious erosion caused by acidic sewer gases. The report labeled Bickett 210 to 214 contains photos of these defects. Loss of the concrete wall and exposure of the soil are clearly visible. The video technician estimates that 25%-50% of the concrete wall has eroded away in two locations exposing the soil backfill.

The path forward is to dig up and replace approximately 20 feet of the concrete pipe with PVC pipe. A cost estimate is being prepared.

Submitted for Director's Information by

Billy Ray Fritsche

Vice President and Director