

# HOWARD COUNTY: PIPE BREAKS - FIELD DATA

DAY: July 14, 2010  
 TIME: 17:50  
 TIME OF BREAK: 14:30  
 ENGINEER: Tom Miller / Matt Teoder

LOCATION:  
 GPS LOCATION: 5458 Watercross Place  
contact 358 WAS

GPS: \_\_\_\_\_

**PHOTO BEFORE REPAIRS:**

Number of Pictures:    

**SOIL CHEMISTRIES:**

REDOX		SOIL BOX RESISTIVITIES		pH	
	(mV)		(Ohm-cm)		(mV)
	(mV)		(Ohm-cm)		(mV)
Top of Pipe (12)		Top of Pipe (12)		Top of Pipe (12)	
Side of Pipe (3 / 9)		Side of Pipe (3 / 9)		Side of Pipe (3 / 9)	
Bottom of Pipe (6)		Bottom of Pipe (6)		Bottom of Pipe (6)	
				Actual Soil pH	

Soil Type:  Clay  Sand  Silt  Clay/sand  BGC\*  Other

**DETAILS:**

Pipe Type:  Cast Iron  Ductile Iron  Steel  PCCP  Plastic

Pipe Size: three-inch

Repair Method:  Clamp  Weld  Cut  Other

**DETAILS:**

two three-inch full circle clamps

Form of Break:  Circular  Longitudinal  Other

**DETAILS:**

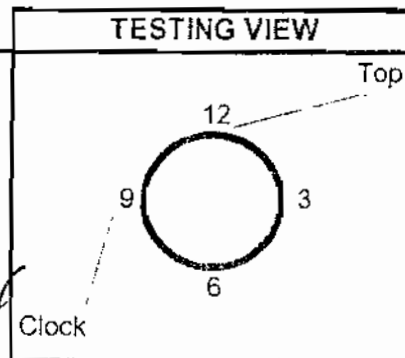
two holes on bottom of pipe

**PHOTO AFTER REPAIRS:**

Number of Pictures:    

**SKETCH OF SITE**

second hole developed two feet from the first repair. excavation was filled with CRT and capped with cold patch when the water surfaced the second time



\* BGC = blue/gray clay